

ANNEX I
SUMMARY OF PRODUCT CHARACTERISTICS

1. NAME OF THE MEDICINAL PRODUCT

Temozolomide Accord 5 mg hard capsules.
Temozolomide Accord 20 mg hard capsules.
Temozolomide Accord 100 mg hard capsules.
Temozolomide Accord 140 mg hard capsules.
Temozolomide Accord 180 mg hard capsules.
Temozolomide Accord 250 mg hard capsules.

2. QUALITATIVE AND QUANTITATIVE COMPOSITION

5mg hard capsules
Each hard capsule contains 5 mg temozolomide.

Excipient with known effect:
Each hard capsule contains 168 mg of anhydrous lactose.

20mg hard capsules
Each hard capsule contains 20 mg temozolomide.

Excipients with known effect:
Each hard capsule contains 14.6 mg of anhydrous lactose.

100mg hard capsules
Each hard capsule contains 100 mg temozolomide.

Excipients with known effect:
Each hard capsule contains 73 mg of anhydrous lactose.

140mg hard capsules
Each hard capsule contains 140 mg temozolomide.

Excipients with known effect:
Each hard capsule contains 102.2 mg of anhydrous lactose.

180mg hard capsules
Each hard capsule contains 180 mg temozolomide.

Excipients with known effect:
Each hardcapsule contains 131.4 mg of anhydrous lactose.

250mg hard capsules
Each hard capsule contains 250 mg temozolomide.

Excipients with known effect:
Each hard capsule contains 182.5 mg of anhydrous lactose.

For the full list of excipients, see section 6.1.

3. PHARMACEUTICAL FORM

5mg hard capsule.

The hard capsules are green/white hard gelatin capsules imprinted 'TMZ' on cap & '5' on body. Each capsule is approximately 15 mm in length.

20 mg hard capsule.

The hard capsules are yellow/ white hard gelatin capsules, imprinted 'TMZ' on cap & '20' on body. Each capsule is approximately 11 mm in length.

100mg hard capsule.

The hard capsules are pink/white hard gelatin capsules, imprinted 'TMZ' on cap & '100' on body. Each capsule is approximately 15 mm in length.

140mg hard capsule.

The hard capsules are transparent blue/white hard gelatin capsules, imprinted 'TMZ' on cap & '140' on body. Each capsule is approximately 19 mm in length.

180mg hard capsule.

The hard capsules are maroon/white, hard gelatin capsules, imprinted with 'TMZ' on cap & '180' on body. Each capsule is approximately 19 mm in length.

250mg hard capsule.

The hard capsules are white/white, hard gelatin capsules imprinted with 'TMZ' on cap & '250' on body. Each capsule is approximately 21 mm in length.

4. CLINICAL PARTICULARS

4.1 Therapeutic indications

Temozolomide Accord is indicated for the treatment of:

- adult patients with newly-diagnosed glioblastoma multiforme concomitantly with radiotherapy (RT) and subsequently as monotherapy treatment.
- children from the age of three years, adolescents and adult patients with malignant glioma, such as glioblastoma multiforme or anaplastic astrocytoma, showing recurrence or progression after standard therapy.

4.2 Posology and method of administration

Temozolomide Accord should only be prescribed by physicians experienced in the oncological treatment of brain tumours.

Anti-emetic therapy may be administered (see section 4.4).

Posology

Adult patients with newly-diagnosed glioblastoma multiforme

Temozolomide Accord is administered in combination with focal radiotherapy (concomitant phase) followed by up to 6 cycles of temozolomide (TMZ) monotherapy (monotherapy phase).

Concomitant phase

TMZ is administered orally at a dose of 75 mg/m² daily for 42 days concomitant with focal radiotherapy (60 Gy administered in 30 fractions). No dose reductions are recommended, but delay or discontinuation of TMZ administration should be decided weekly according to haematological and non-haematological toxicity criteria. TMZ administration can be continued throughout the 42 day concomitant period (up to 49 days) if all of the following conditions are met:

- absolute neutrophil count (ANC) $\geq 1.5 \times 10^9/l$
- thrombocyte count $\geq 100 \times 10^9/l$
- common toxicity criteria (CTC) non-haematological toxicity \leq Grade 1 (except for alopecia, nausea and vomiting).

During treatment a complete blood count should be obtained weekly. TMZ administration should be temporarily interrupted or permanently discontinued during the concomitant phase according to the haematological and non-haematological toxicity criteria as noted in Table 1.

Toxicity	TMZ interruption ^a	TMZ discontinuation
Absolute neutrophil count	≥ 0.5 and $< 1.5 \times 10^9/l$	$< 0.5 \times 10^9/l$
Thrombocyte count	≥ 10 and $< 100 \times 10^9/l$	$< 10 \times 10^9/l$
CTC non-haematological toxicity (except for alopecia, nausea, vomiting)	CTC Grade 2	CTC Grade 3 or 4

a: Treatment with concomitant TMZ can be continued when all of the following conditions are met: absolute neutrophil count $\geq 1.5 \times 10^9/l$; thrombocyte count $\geq 100 \times 10^9/l$; CTC non-haematological toxicity \leq Grade 1 (except for alopecia, nausea, vomiting).

Monotherapy phase

Four weeks after completing the TMZ + RT concomitant phase, TMZ is administered for up to 6 cycles of monotherapy treatment. Dose in Cycle 1 (monotherapy) is 150 mg/m² once daily for 5 days followed by 23 days without treatment. At the start of Cycle 2, the dose is escalated to 200 mg/m² if the CTC non-haematological toxicity for Cycle 1 is Grade ≤ 2 (except for alopecia, nausea and vomiting), absolute neutrophil count (ANC) is $\geq 1.5 \times 10^9/l$, and the thrombocyte count is $\geq 100 \times 10^9/l$. If the dose was not escalated at Cycle 2, escalation should not be done in subsequent cycles. Once escalated, the dose remains at 200 mg/m² per day for the first 5 days of each subsequent cycle except if toxicity occurs. Dose reductions and discontinuations during the monotherapy phase should be applied according to Tables 2 and 3.

During treatment a complete blood count should be obtained on Day 22 (21 days after the first dose of TMZ). The dose should be reduced or administration discontinued according to Table 3.

Table 2. TMZ dose levels for monotherapy treatment

Dose level	TMZ dose (mg/m ² /day)	Remarks
-1	100	Reduction for prior toxicity
0	150	Dose during Cycle 1
1	200	Dose during Cycles 2-6 in absence of toxicity

Table 3. TMZ dose reduction or discontinuation during monotherapy treatment

Toxicity	Reduce TMZ by 1 dose level ^a	Discontinue TMZ
Absolute neutrophil count	$< 1.0 \times 10^9/l$	See footnote b
Thrombocyte count	$< 50 \times 10^9/l$	See footnote b
CTC non-haematological Toxicity (except for alopecia, nausea, vomiting)	CTC Grade 3	CTC Grade 4 ^b

^a : TMZ dose levels are listed in Table 2.

^b : TMZ is to be discontinued if:

- dose level -1 (100 mg/m²) still results in unacceptable toxicity
- the same Grade 3 non-haematological toxicity (except for alopecia, nausea, vomiting) recurs after dose reduction.

Adult and paediatric patients 3 years of age or older with recurrent or progressive malignant glioma:

A treatment cycle comprises 28 days. In patients previously untreated with chemotherapy, TMZ is administered orally at a dose of 200 mg/m² once daily for the first 5 days followed by a 23 day treatment interruption (total of 28 days). In patients previously treated with chemotherapy, the initial dose is 150 mg/m² once daily, to be increased in the second cycle to 200 mg/m² once daily, for 5 days if there is no haematological toxicity (see section 4.4)

Special populations

Paediatric population

In patients 3 years of age or older, TMZ is only to be used in recurrent or progressive malignant glioma. Experience in these children is very limited (see sections 4.4 and 5.1). The safety and efficacy of TMZ in children under the age of 3 years have not been established. No data are available.

Patients with hepatic or renal impairment

The pharmacokinetics of TMZ were comparable in patients with normal hepatic function and in those with mild or moderate hepatic impairment. No data are available on the administration of TMZ in patients with severe hepatic impairment (Child's Class C) or with renal impairment. Based on the pharmacokinetic properties of TMZ, it is unlikely that dose reductions are required in patients with severe hepatic impairment or any degree of renal impairment. However, caution should be exercised when TMZ is administered in these patients.

Elderly patients

Based on a population pharmacokinetic analysis in patients 19-78 years of age, clearance of TMZ is not affected by age. However, elderly patients (> 70 years of age) appear to be at increased risk of neutropenia and thrombocytopenia (see section 4.4).

Method of administration

Temozolomide Accord should be administered in the fasting state.

The capsules must be swallowed whole with a glass of water and must not be opened or chewed.

If vomiting occurs after the dose is administered, a second dose should not be administered that day.

4.3 Contraindications

Hypersensitivity to the active substance or to any of the excipients listed in section 6.1.

Hypersensitivity to dacarbazine (DTIC).

Severe myelosuppression (see section 4.4).

4.4 Special warnings and precautions for use

Opportunistic infections and reactivation of infections

Opportunistic infections (such as *Pneumocystis jirovecii* pneumonia) and reactivation of infections (such as HBV, CMV) have been observed during the treatment with TMZ (see section 4.8).

Pneumocystis jirovecii pneumonia

Patients who received concomitant TMZ and RT in a pilot trial for the prolonged 42-day schedule were shown to be at particular risk for developing *Pneumocystis jirovecii* pneumonia (PCP). Thus, prophylaxis against PCP is required for all patients receiving concomitant TMZ and RT for the 42 - day regimen (with a maximum of 49 days) regardless of lymphocyte count. If lymphopenia occurs, they are to continue the prophylaxis until recovery of lymphopenia to grade ≤ 1 .

There may be a higher occurrence of PCP when TMZ is administered during a longer dosing regimen. However, all patients receiving TMZ, particularly patients receiving steroids, should be observed closely for the development of PCP, regardless of the regimen. Cases of fatal respiratory failure have been reported in patients using TMZ, in particular in combination with dexamethasone or other steroids.

HBV

Hepatitis due to hepatitis B virus (HBV) reactivation, in some cases resulting in death, has been reported. Experts in liver disease should be consulted before treatment is initiated in patients with positive hepatitis B serology (including those with active disease). During treatment patients should be monitored and managed appropriately.

Hepatotoxicity

Hepatic injury, including fatal hepatic failure, has been reported in patients treated with TMZ (see section 4.8). Baseline liver function tests should be performed prior to treatment initiation. If abnormal, physicians should assess the benefit/risk prior to initiating temozolomide including the potential for fatal hepatic failure. For patients on a 42 day treatment cycle liver function tests should be repeated midway during this cycle. For all patients, liver function tests should be checked after each treatment cycle. For patients with significant liver function abnormalities, physicians should assess the benefit/risk of continuing treatment. Liver toxicity may occur several weeks or more after the last treatment with temozolomide.

Meningoencephalitis herpetic

In post marketing cases, meningoencephalitis herpetic (including fatal cases) has been observed in patients receiving TMZ in combination with radiotherapy, including cases of concomitant steroids administration.

Malignancies

Cases of myelodysplastic syndrome and secondary malignancies, including myeloid leukaemia, have also been reported very rarely (see section 4.8).

Anti-emetic therapy

Nausea and vomiting are very commonly associated with TMZ. Anti-emetic therapy may be administered prior to or following administration of TMZ.

Adult patients with newly-diagnosed glioblastoma multiforme

Anti-emetic prophylaxis is recommended prior to the initial dose of concomitant phase and it is strongly recommended during the monotherapy phase.

Patients with recurrent or progressive malignant glioma

Patients who have experienced severe (Grade 3 or 4) vomiting in previous treatment cycles may require anti-emetic therapy.

Laboratory parameters

Patients treated with TMZ may experience myelosuppression, including prolonged pancytopenia, which may result in aplastic anaemia, which in some cases has resulted in a fatal outcome. In some cases, exposure to concomitant medicinal products associated with aplastic anaemia, including carbamazepine, phenytoin, and sulfamethoxazole/trimethoprim, complicates assessment. Prior to dosing, the following laboratory parameters must be met: ANC $\geq 1.5 \times 10^9/l$ and platelet count $\geq 100 \times 10^9/l$. A complete blood count should be obtained on Day 22 (21 days after the first dose) or within 48 hours of that day, and weekly until ANC $> 1.5 \times 10^9/l$ and platelet count $> 100 \times 10^9/l$. If ANC falls to $< 1.0 \times 10^9/l$ or the platelet count is $< 50 \times 10^9/l$ during any cycle, the next cycle should be reduced one dose level (see section 4.2). Dose levels include 100 mg/m^2 , 150 mg/m^2 , and 200 mg/m^2 . The lowest recommended dose is 100 mg/m^2 .

Paediatric population

There is no clinical experience with use of TMZ in children under the age of 3 years. Experience in older children and adolescents is very limited (see sections 4.2 and 5.1).

Elderly patients (> 70 years of age)

Elderly patients appear to be at increased risk of neutropenia and thrombocytopenia, compared with younger patients. Therefore, special care should be taken when TMZ is administered in elderly patients.

Female patients

Women of childbearing potential have to use effective contraception to avoid pregnancy while they are receiving TMZ, and for at least 6 months following completion of treatment.

Male patients

Men being treated with TMZ should be advised not to father a child for at least 3 months after receiving the last dose and to seek advice on cryoconservation of sperm prior to treatment (see section 4.6).

Lactose

This medicinal product contains lactose. Patients with rare hereditary problems of galactose intolerance, total lactase deficiency or glucose-galactose malabsorption should not take this medicine.

Sodium

This medicinal product contains less than 1 mmol sodium (23 mg) per capsule, that is to say essentially 'sodium-free'.

4.5 Interaction with other medicinal products and other forms of interaction

In a separate phase I study, administration of TMZ with ranitidine did not result in alterations in the extent of absorption of temozolomide or the exposure to its active metabolite monomethyl triazenoimidazole carboxamide (MTIC).

Administration of TMZ with food resulted in a 33 % decrease in C_{max} and a 9 % decrease in area under the curve (AUC).

As it cannot be excluded that the change in C_{max} is clinically significant, Temozolomide Accord should be administered without food.

Based on an analysis of population pharmacokinetics in phase II trials, co-administration of dexamethasone, prochlorperazine, phenytoin, carbamazepine, ondansetron, H_2 receptor antagonists, or phenobarbital did not alter the clearance of TMZ. Co-administration with valproic acid was associated with a small but statistically significant decrease in clearance of TMZ.

No studies have been conducted to determine the effect of TMZ on the metabolism or elimination of other medicinal products. However, since TMZ does not undergo hepatic metabolism and exhibits low protein binding, it is unlikely that it would affect the pharmacokinetics of other medicinal products (see section 5.2).

Use of TMZ in combination with other myelosuppressive agents may increase the likelihood of myelosuppression.

Paediatric population

Interaction studies have only been performed in adults.

4.6 Fertility, pregnancy and lactation

Women of childbearing potential

Women of childbearing potential have to use effective contraception to avoid pregnancy while they are receiving TMZ, and for at least 6 months following completion of treatment.

Pregnancy

There are no data in pregnant women. In preclinical studies in rats and rabbits receiving 150 mg/m², teratogenicity and/or foetal toxicity were demonstrated (see section 5.3). Temozolomide Accord should not be administered to pregnant women. If use during pregnancy must be considered, the patient should be apprised of the potential risk to the foetus.

Breast-feeding

It is not known whether TMZ is excreted in human milk; thus, breast-feeding should be discontinued while receiving treatment with TMZ.

Male fertility

TMZ can have genotoxic effects. Therefore, men being treated with it should use effective contraceptive measures and be advised not to father a child for at least 3 months after receiving the last dose and to seek advice on cryoconservation of sperm prior to treatment, because of the possibility of irreversible infertility due to therapy with TMZ.

4.7 Effects on ability to drive and use machines

TMZ has minor influence on the ability to drive and use machines due to fatigue and somnolence (see section 4.8).

4.8 Undesirable effects

Summary of the safety profile

Clinical trial experience

In patients treated with TMZ in clinical trials, the most common adverse reactions were nausea, vomiting, constipation, anorexia, headache, fatigue, convulsions, and rash. Most haematologic adverse reactions were reported commonly; the frequency of Grade 3-4 laboratory findings is presented after Table 4. For patients with recurrent or progressive glioma, nausea (43 %) and vomiting (36 %) were usually Grade 1 or 2 (0 – 5 episodes of vomiting in 24 hours) and were either self-limiting or readily controlled with standard anti-emetic therapy. The incidence of severe nausea and vomiting was 4 %.

Tabulated list of adverse reactions

Adverse reactions observed in clinical studies and reported from post-marketing use of TMZ are listed in Table 4. These reactions are classified according to System Organ Class and frequency. Frequency groupings are defined according to the following convention: Very common ($\geq 1/10$); Common

($\geq 1/100$ to $< 1/10$); Uncommon ($\geq 1/1,000$ to $< 1/100$); Rare ($\geq 1/10,000$ to $< 1/1,000$); Very rare ($< 1/10,000$); Not known (cannot be estimated from the available data). Within each frequency grouping, undesirable effects are presented in order of decreasing seriousness.

<i>Table 4. Adverse reactions in patients treated with temozolomide</i>	
Infections and infestations	
Common:	Infections, herpes zoster, pharyngitis ^a , candidiasis oral
Uncommon:	Opportunistic infection (including PCP), sepsis [†] , meningoencephalitis herpetic [†] , CMV infection, CMV reactivation, hepatitis B virus [†] , herpes simplex, infection reactivation, wound infection, gastroenteritis ^b
Neoplasm benign, malignant, and unspecified	
Uncommon:	Myelodysplastic syndrome (MDS), secondary malignancies, including myeloid leukaemia
Blood and lymphatic system disorders	
Common:	Febrile neutropenia, neutropenia, thrombocytopenia, lymphopenia, leukopenia, anaemia
Uncommon:	Prolonged pancytopenia, aplastic anaemia [†] , pancytopenia, petechiae
Immune system disorders	
Common:	Allergic reaction
Uncommon:	Anaphylaxis
Endocrine disorders	
Common:	Cushingoid ^c
Uncommon:	Diabetes insipidus
Metabolism and nutrition disorders	
Very common:	Anorexia
Common:	Hyperglycaemia

Uncommon:	Hypokalaemia, alkaline phosphatase increased
Psychiatric disorders	
Common:	Agitation, amnesia, depression, anxiety, confusion, insomnia
Uncommon:	Behaviour disorder, emotional lability, hallucination, apathy
Nervous system disorders	
Very common:	Convulsions, hemiparesis, aphasia/dysphasia, headache
Common:	Ataxia, balance impaired, cognition impaired, concentration impaired, consciousness decreased, dizziness, hypoesthesia, memory impaired, neurologic disorder, neuropathy ^d , paraesthesia, somnolence, speech disorder, taste perversion, tremor
Uncommon:	Status epilepticus, hemiplegia, extrapyramidal disorder, parosmia, gait abnormality, hyperaesthesia, sensory disturbance, coordination abnormal
Eye disorders	
Common:	Hemianopia, vision blurred, vision disorder ^e , visual field defect, diplopia, eye pain
Uncommon:	Visual acuity reduced, eyes dry
Ear and labyrinth disorders	
Common:	Deafness ^f , vertigo, tinnitus, earache ^g
Uncommon:	Hearing impairment, hyperacusis, otitis media
Cardiac disorders	
Uncommon:	Palpitation
Vascular disorders	
Common:	Haemorrhage, embolism pulmonary, deep vein thrombosis, hypertension
Uncommon:	Cerebral haemorrhage, flushing, hot flushes
Respiratory, thoracic and mediastinal disorders	
Common:	Pneumonia, dyspnoea, sinusitis, bronchitis, coughing, upper respiratory infection
Uncommon:	Respiratory failure [†] , interstitial pneumonitis/pneumonitis, pulmonary fibrosis, nasal congestion
Gastrointestinal disorders	
Very common:	Diarrhoea, constipation, nausea, vomiting
Common:	Stomatitis, abdominal pain ^h , dyspepsia, dysphagia
Uncommon:	Abdominal distension, faecal incontinence, gastrointestinal disorder, haemorrhoids, mouth dry
Hepatobiliary disorders	
Uncommon:	Hepatic failure [†] , hepatic injury, hepatitis, cholestasis, hyperbilirubinemia
Skin and subcutaneous tissue disorders	
Very Common:	Rash, alopecia
Common:	Erythema, dry skin, pruritus

Uncommon:	Toxic epidermal necrolysis, Stevens-Johnson syndrome, angioedema, erythema multiforme, erythroderma, skin exfoliation, photosensitivity reaction, urticaria, exanthema, dermatitis, sweating increased, pigmentation abnormal
Not known:	Drug reaction with eosinophilia and systemic symptoms (DRESS)
Musculoskeletal and connective tissue disorders	
Common:	Myopathy, muscle weakness, arthralgia, back pain, musculoskeletal pain, myalgia
Renal and urinary disorders	
Common:	Micturition frequency, urinary incontinence
Uncommon:	Dysuria
Reproductive system and breast disorders	
Uncommon:	Vaginal haemorrhage, menorrhagia, amenorrhoea, vaginitis, breast pain, impotence
General disorders and administration site conditions	
Very common:	Fatigue
Common:	Fever, influenza-like symptoms, asthenia, malaise, pain, oedema, oedema peripheral ⁱ
Uncommon:	Condition aggravated, rigors, face oedema, tongue discolouration, thirst, tooth disorder
Investigations	
Common:	Liver enzymes elevation ^j , weight decreased, weight increased
Uncommon:	Gamma-glutamyltransferase increased
Injury, poisoning and procedural complications	
Common:	Radiation injury ^k

^a Includes pharyngitis, nasopharyngeal pharyngitis, pharyngitis Streptococcal

^b Includes gastroenteritis, gastroenteritis viral

^c Includes cushingoid, Cushing syndrome

^d Includes neuropathy, peripheral neuropathy, polyneuropathy, peripheral sensory neuropathy, peripheral motor neuropathy

^e Includes visual impairment, eye disorder

^f Includes deafness, deafness bilateral, deafness neurosensory, deafness unilateral

^g Includes earache, ear discomfort

^h Includes abdominal pain, abdominal pain lower, abdominal pain upper, abdominal discomfort

ⁱ Includes oedema peripheral, peripheral swelling

^j Includes liver function test increased, alanine aminotransferase increased, aspartate aminotransferase increased, hepatic enzymes increased

^k Includes radiation injury, radiation skin injury

[†] Including cases with fatal outcome

Newly-diagnosed glioblastoma multiforme

Laboratory results

Myelosuppression (neutropenia and thrombocytopenia), which is known dose-limiting toxicity for most cytotoxic agents, including TMZ, was observed. When laboratory abnormalities and adverse events were combined across concomitant and monotherapy treatment phases, Grade 3 or Grade 4 neutrophil abnormalities including neutropenic events were observed in 8% of the patients. Grade 3 or Grade 4 thrombocyte abnormalities, including thrombocytopenic events were observed in 14% of the patients who received TMZ.

Recurrent or progressive malignant glioma

Laboratory results

Grade 3 or 4 thrombocytopenia and neutropenia occurred in 19 % and 17 % respectively, of patients treated for malignant glioma. This led to hospitalisation and/or discontinuation of TMZ in 8 % and 4 %, respectively. Myelosuppression was predictable (usually within the first few cycles, with the nadir between Day 21 and Day 28), and recovery was rapid, usually within 1-2 weeks. No evidence of cumulative myelosuppression was observed. The presence of thrombocytopenia may increase the risk of bleeding, and the presence of neutropenia or leukopenia may increase the risk of infection.

Gender

In a population pharmacokinetics analysis of clinical trial experience there were 101 female and 169 male subjects for whom nadir neutrophil counts were available and 110 female and 174 male subjects for whom nadir platelet counts were available. There were higher rates of Grade 4 neutropenia ($ANC < 0.5 \times 10^9/l$), 12% vs 5%, and thrombocytopenia ($< 20 \times 10^9/l$), 9% vs 3 %, in women vs men in the first cycle of therapy. In a 400 subject recurrent glioma data set, Grade 4 neutropenia occurred in 8 % of female vs 4% of male subjects and Grade 4 thrombocytopenia in 8 % of female vs 3 % of male subjects in the first cycle of therapy. In a study of 288 subjects with newly diagnosed glioblastoma multiforme, Grade 4 neutropenia occurred in 3 % of female vs 0% of male subjects and Grade 4 thrombocytopenia in 1% of female vs 0% of male subjects in the first cycle of therapy.

Paediatric population

Oral TMZ has been studied in paediatric patients (age 3-18 years) with recurrent brainstem glioma or recurrent high grade astrocytoma, in a regimen administered daily for 5 days every 28 days. Although the data is limited, tolerance in children is expected to be the same as in adults. The safety of TMZ in children under the age of 3 years has not been established.

Reporting of suspected adverse reactions

Reporting suspected adverse reactions after authorisation of the medicinal product is important. It allows continued monitoring of the benefit/risk balance of the medicinal product. Healthcare professionals are asked to report any suspected adverse reactions via [the national reporting system listed in Appendix V](#).

4.9 Overdose

Doses of 500, 750, 1,000, and 1,250 mg/m² (total dose per cycle over 5 days) have been evaluated clinically in patients. Dose-limiting toxicity was haematological and was reported with any dose but is expected to be more severe at higher doses. An overdose of 10,000 mg (total dose in a single cycle, over 5 days) was taken by one patient and the adverse reactions reported were pancytopenia, pyrexia, multi-organ failure and death. There are reports of patients who have taken the recommended dose for more than 5 days of treatment (up to 64 days) with adverse events reported including bone marrow suppression, with or without infection, in some cases severe and prolonged and resulting in death. In

the event of an overdose, haematological evaluation is needed. Supportive measures should be provided as necessary.

5 PHARMACOLOGICAL PROPERTIES

5.1 Pharmacodynamic properties

Pharmacotherapeutic group: Antineoplastic agents - Other alkylating agents, ATC code: L01A X03

Mechanism of action

Temozolomide is a triazene, which undergoes rapid chemical conversion at physiologic pH to the active monomethyl triazenoimidazole carboxamide (MTIC). The cytotoxicity of MTIC is thought to be due primarily to alkylation at the O⁶ position of guanine with additional alkylation also occurring at the N⁷ position. Cytotoxic lesions that develop subsequently are thought to involve aberrant repair of the methyl adduct.

Clinical efficacy and safety

Newly diagnosed glioblastoma multiforme

A total of 573 patients were randomised to receive either TMZ + RT (n=287) or RT alone (n=286). Patients in the TMZ + RT arm received concomitant TMZ (75 mg/m²) once daily, starting the first day of RT until the last day of RT, for 42 days (with a maximum of 49 days). This was followed by monotherapy TMZ (150 – 200 mg/m²) on Days 1 - 5 of every 28-day cycle for up to 6 cycles, starting 4 weeks after the end of RT. Patients in the control arm received RT only. *Pneumocystis jirovecii* pneumonia (PCP) prophylaxis was required during RT and combined TMZ therapy.

TMZ was administered as salvage therapy in the follow-up phase in 161 patients of the 282 (57%) in the RT alone arm, and 62 patients of the 277 (22%) in the TMZ + RT arm.

The hazard ratio (HR) for overall survival was 1.59 (95% CI for HR=1.33 -1.91) with a log-rank p < 0.0001 in favour of the TMZ arm. The estimated probability of surviving 2 years or more (26% vs 10%) is higher for the RT + TMZ arm. The addition of concomitant TMZ to RT, followed by TMZ monotherapy in the treatment of patients with newly diagnosed glioblastoma multiforme demonstrated a statistically significant improvement in overall survival (OS) compared with RT alone (Figure 1).

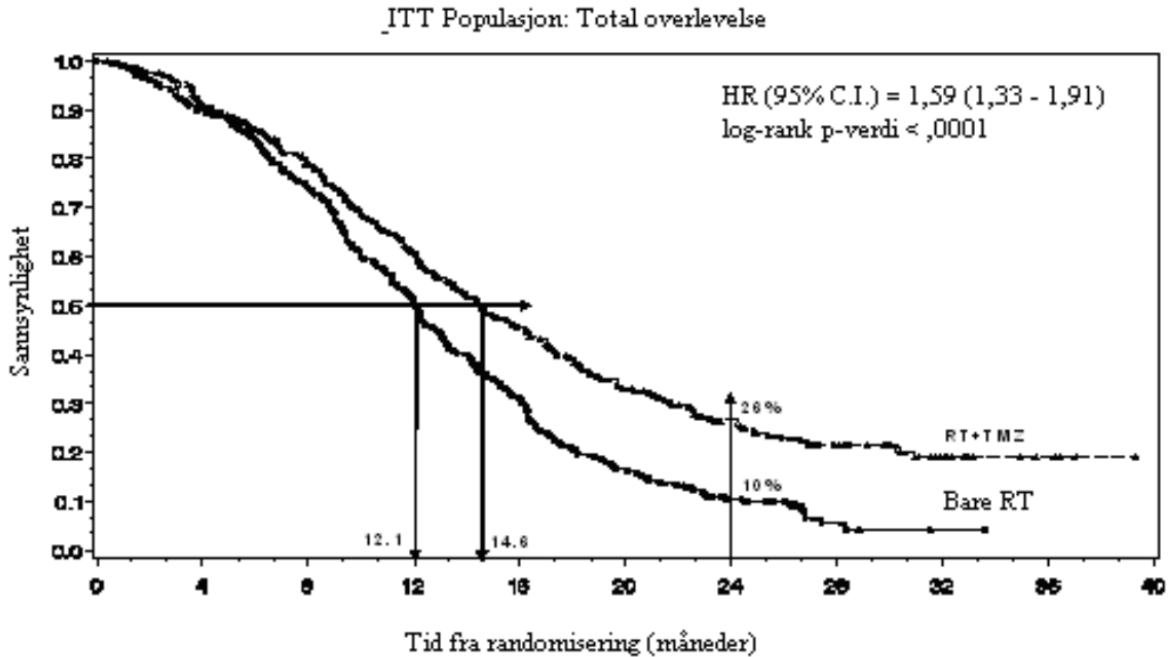


Figure 1 Kaplan-Meier curves for overall survival (intent-to-treat population)

The results from the trial were not consistent in the subgroup of patients with a poor performance status (WHO PS=2, n=70), where overall survival and time to progression were similar in both arms. However, no unacceptable risks appear to be present in this patient group.

Recurrent or progressive malignant glioma

Data on clinical efficacy in patients with glioblastoma multiforme (Karnofsky performance status [KPS] ≥ 70), progressive or recurrent after surgery and RT, were based on two clinical trials with oral TMZ. One was a non-comparative trial in 138 patients (29% received prior chemotherapy), and the other was a randomised active-controlled trial of TMZ vs. procarbazine in a total of 225 patients (67% received prior treatment with nitrosourea based chemotherapy). In both trials, the primary endpoint was progression-free survival (PFS) defined by MRI scans or neurological worsening. In the non-comparative trial, the PFS at 6 months was 19%, the median progression-free survival was 2.1 months, and the median overall survival 5.4 months. The objective response rate (ORR) based on MRI scans was 8%.

In the randomised active-controlled trial, the PFS at 6 months was significantly greater for TMZ than for procarbazine (21% vs. 8%, respectively – chi-square $p = 0.008$) with median PFS of 2.89 and 1.88 months respectively (log rank $p = 0.0063$). The median survival was 7.34 and 5.66 months for TMZ and procarbazine, respectively (log rank $p = 0.33$). At 6 months, the fraction of surviving patients was significantly higher in the TMZ arm (60%) compared with the procarbazine arm (44%) (chi-square $p = 0.019$). In patients with prior chemotherapy a benefit was indicated in those with a KPS ≥ 80 .

Data on time to worsening of neurological status favoured TMZ over procarbazine as did data on time to worsening of performance status (decrease to a KPS of < 70 or a decrease by at least 30 points). The median times to progression in these endpoints ranged from 0.7 to 2.1 months longer for TMZ than for procarbazine (log rank $p = < 0.01$ to 0.03).

Recurrent anaplastic astrocytoma

In a multicentre, prospective phase II trial evaluating the safety and efficacy of oral TMZ in the treatment of patients with anaplastic astrocytoma at first relapse, the 6 month PFS was 46%. The median PFS was 5.4 months. Median overall survival was 14.6 months. Response rate, based on the central reviewer assessment, was 35% (13 CR and 43 PR) for the intent-to-treat-population (ITT) n=162. In 43 patients stable disease was reported. The 6-month event-free survival for the ITT population was 44% with a median event-free survival of 4.6 months, which was similar to the results for the progression-free survival. For the eligible histology population, the efficacy results were similar. Achieving a radiological objective response or maintaining progression-free status was strongly associated with maintained or improved quality of life.

Paediatric population

Oral TMZ has been studied in paediatric patients (age 3-18 years) with recurrent brainstem glioma or recurrent high grade astrocytoma, in a regimen administered daily for 5 days every 28 days. Tolerance to TMZ is similar to adults.

5.2 Pharmacokinetic properties

TMZ is spontaneously hydrolyzed at physiologic pH primarily to the active species, 3-methyl-(triazene-1-yl)imidazole-4-carboxamide (MTIC). MTIC is spontaneously hydrolyzed to 5-amino-imidazole-4-carboxamide (AIC), a known intermediate in purine and nucleic acid biosynthesis, and to methylhydrazine, which is believed to be the active alkylating species. The cytotoxicity of MTIC is thought to be primarily due to alkylation of DNA mainly at the O⁶ and N⁷ positions of guanine. Relative to the AUC of TMZ, the exposure to MTIC and AIC is ~ 2.4% and 23%, respectively. *In vivo*, the t_{1/2} of MTIC was similar to that of TMZ, 1.8 hr.

Absorption

After oral administration to adult patients, TMZ is absorbed rapidly, with peak concentrations reached as early as 20 minutes post administration (mean times between 0.5 and 1.5 hours). After oral administration of ¹⁴C-labelled TMZ, mean faecal excretion of ¹⁴C over 7 days post-dose was 0.8% indicating complete absorption.

Distribution

TMZ demonstrates low protein binding (10% to 20%), and thus it is not expected to interact with highly protein-bound substances.

PET studies in humans and preclinical data suggest that TMZ crosses rapidly the blood-brain barrier and is present in the CSF. CSF penetration was confirmed in one patient; CSF exposure based on AUC of TMZ was approximately 30% of that in plasma, which is consistent with animal data.

Elimination

The half-life (t_{1/2}) in plasma is approximately 1.8 hours. The major route of ¹⁴C elimination is renal. Following oral administration, approximately 5% to 10% of the dose is recovered unchanged in the urine over 24 hours, and the remainder excreted as temozolomide acid, 5-aminoimidazole-4-carboxamide (AIC) or unidentified polar metabolites.

Plasma concentrations increase in a dose-related manner. Plasma clearance, volume of distribution and half-life are independent of dose.

Special populations

Analysis of population-based pharmacokinetics of TMZ revealed that plasma TMZ clearance was independent of age, renal function or tobacco use. In a separate pharmacokinetic study, plasma pharmacokinetic profiles in patients with mild to moderate hepatic impairment were similar to those observed in patients with normal hepatic function.

Paediatric patients had a higher AUC than adult patients; however, the maximum tolerated dose (MTD) was 1,000 mg/m² per cycle both in children and in adults.

5.3 Preclinical safety data

Single-cycle (5-day dosing, 23 days non-treatment), 3- and 6-cycle toxicity studies were conducted in rats and dogs. The primary targets of toxicity included the bone marrow, lymphoreticular system, testes, the gastrointestinal tract and, at higher doses, which were lethal to 60% to 100% of rats and dogs tested, degeneration of the retina occurred. Most of the toxicity showed evidence of reversibility, except for adverse events on the male reproductive system and retinal degeneration. However, because the doses implicated in retinal degeneration were in the lethal dose range, and no comparable effect has been observed in clinical studies, this finding was not considered to have clinical relevance.

TMZ is an embryotoxic, teratogenic and genotoxic alkylating agent. TMZ is more toxic to the rat and dog than to humans, and the clinical dose approximates the minimum lethal dose in rats and dogs. Dose-related reductions in leukocytes and platelets appear to be sensitive indicators of toxicity. A variety of neoplasms, including mammary carcinomas, keratocanthoma of the skin and basal cell adenoma were observed in the 6-cycle rat study while no tumours or pre-neoplastic changes were evident in dog studies. Rats appear to be particularly sensitive to oncogenic effects of TMZ, with the occurrence of first tumours within 3 months of initiating dosing. This latency period is very short even for an alkylating agent.

Results of the Ames/salmonella and Human Peripheral Blood Lymphocyte (HPBL) chromosome aberration tests showed a positive mutagenicity response.

6 PHARMACEUTICAL PARTICULARS

6.1 List of excipients

5 mg hard capsules

Capsule contents

Anhydrous lactose
Colloidal anhydrous silica
Sodium starch glycolate type A
Tartaric acid
Stearic acid

Capsule shell

Gelatine
Water
Titanium dioxide (E171)
Iron oxide yellow (E172)
Indigo carmine (E132)

Printing ink

Shellac

Propylene glycol
Black iron oxide (E172)
Potassium hydroxide

20mg hard capsules

Capsule contents

Anhydrous lactose
Colloidal anhydrous silica
Sodium starch glycolate type A
Tartaric acid
Stearic acid

Capsule shell:

Gelatine
Water
Titanium dioxide (E171)
Iron oxide yellow (E172)

Printing ink

Shellac
Propylene glycol
Black iron oxide (E172)
Potassium hydroxide

100mg hard capsules

Capsule contents

Anhydrous lactose
Colloidal anhydrous silica
Sodium starch glycolate type A
Tartaric acid
Stearic acid

Capsule shell:

Gelatine
Water
Titanium dioxide (E171)
Iron oxide red (E172)

Printing ink

Shellac
Propylene glycol
Black iron oxide (E172)
Potassium hydroxide

140mg hard capsules

Capsule contents

Anhydrous lactose
Colloidal anhydrous silica
Sodium starch glycolate type A
Tartaric acid
Stearic acid

Capsule shell:

Gelatine
Water
Titanium dioxide (E171)
Indigo carmine (E132).

Printing ink

Shellac
Propylene glycol
Black iron oxide (E172)
Potassium hydroxide

180mg hard capsules

Capsule contents

Anhydrous lactose
Colloidal anhydrous silica
Sodium starch glycolate type A
Tartaric acid
Stearic acid

Capsule shell:

Gelatine
Water
Titanium dioxide (E171)
Iron oxide yellow (E172)
Iron oxide red (E172)

Printing ink

Shellac
Propylene glycol
Black iron oxide (E172)
Potassium hydroxide

250mg hard capsules

Capsule contents

Anhydrous lactose
Colloidal anhydrous silica
Sodium starch glycolate type A
Tartaric acid
Stearic acid

Capsule shell:

Gelatine
Water
Titanium dioxide (E171)

Printing ink

Shellac
Propylene glycol
Black iron oxide (E172)
Potassium hydroxide

6.2 Incompatibilities

Not applicable.

6.3 Shelf life

2 years.

6.4 Special precautions for storage

Bottle

Do not store above 25°C.

Store in the original bottle in order to protect from moisture.

Keep the bottle tightly closed.

Sachet

Do not store above 25 °C.

Store in the original package in order to protect from moisture.

6.5 Nature and contents of container

Bottle

Type III amber glass bottles with polypropylene child-resistant closures and a desiccant, containing 5 or 20 capsules

The carton contains one bottle.

Sachet

Polyester/aluminium/polyethylene (PET/alu/PE) sachet.

Each sachet contains 1 hard capsule.

Pack-size of 5 or 20 hard capsules individually sealed in sachets.

Not all pack sizes may be marketed.

6.6 Special precautions for disposal and other handling

Capsules should not be opened. If a capsule becomes damaged, contact of the powder contents with skin or mucous membrane must be avoided. If Temozolomide Accord comes into contact with skin or mucosa, it should be washed immediately and thoroughly with soap and water.

Patients should be advised to keep capsules out of the sight and reach of children, preferably in a locked cupboard. Accidental ingestion can be lethal for children.

Any unused medicinal product or waste material should be disposed of in accordance with local requirements.

7. MARKETING AUTHORISATION HOLDER

Accord Healthcare S.L.U.

World Trade Center, Moll de Barcelona, s/n,

Edifici Est 6^a planta,

08039 Barcelona,

Spain

8 MARKETING AUTHORISATION NUMBER(S)

5mg hard capsules

EU/1/10/615/001

EU/1/10/615/002

EU/1/10/615/025

EU/1/10/615/026

20mg hard capsules

EU/1/10/615/005
EU/1/10/615/006
EU/1/10/615/027
EU/1/10/615/028

100mg hard capsules

EU/1/10/615/009
EU/1/10/615/010
EU/1/10/615/029
EU/1/10/615/030

140mg hard capsules

EU/1/10/615/013
EU/1/10/615/014
EU/1/10/615/031
EU/1/10/615/032

180mg hard capsules

EU/1/10/615/017
EU/1/10/615/018
EU/1/10/615/033
EU/1/10/615/034

250mg hard capsules

EU/1/10/615/021
EU/1/10/615/022
EU/1/10/615/035
EU/1/10/615/036

9 DATE OF FIRST AUTHORISATION/RENEWAL OF THE AUTHORISATION

Date of first authorisation: 15 March 2010

Date of latest renewal: 12 January 2015

10 DATE OF REVISION OF THE TEXT

Detailed information on this medicinal product is available on the website of the European Medicines Agency <http://www.ema.europa.eu>.

ANNEX II

- A. MANUFACTURER(S) RESPONSIBLE FOR BATCH RELEASE**
- B. CONDITIONS OR RESTRICTIONS REGARDING SUPPLY AND USE**
- C. OTHER CONDITIONS AND REQUIREMENTS OF THE MARKETING AUTHORISATION**
- D. CONDITIONS OR RESTRICTIONS WITH REGARD TO THE SAFE AND EFFECTIVE USE OF THE MEDICINAL PRODUCT**

A. MANUFACTURER(S) RESPONSIBLE FOR BATCH RELEASE

Name and address of the manufacturer responsible for batch release

Accord Healthcare Polska Sp.z o.o.,
ul. Lutomska 50,95-200 Pabianice, Poland

Accord Healthcare B.V.,
Winthontlaan 200,
3526 KV Utrecht,
The Netherlands

The printed package leaflet of the medicinal product must state the name and address of the manufacturer responsible for the release of the concerned batch.

B. CONDITIONS OR RESTRICTIONS REGARDING SUPPLY AND USE

Medicinal product subject to restricted medical prescription (See Annex I: Summary of Product Characteristics, Section 4.2).

C. OTHER CONDITIONS AND REQUIREMENTS OF THE MARKETING AUTHORISATION

- **Periodic Safety Update Reports**

The marketing authorisation holder shall submit periodic safety update reports for this product in accordance with the requirements set out in the list of Union reference dates (EURD list) provided for under Article 107c(7) of Directive 2001/83/EC and any subsequent updates published on the European medicines web-portal.

D. CONDITIONS OR RESTRICTIONS WITH REGARD TO THE SAFE AND EFFECTIVE USE OF THE MEDICINAL PRODUCT

- **Risk management plan (RMP)**

The MAH shall perform the required pharmacovigilance activities and interventions detailed in the agreed RMP presented in Module 1.8.2 of the Marketing Authorisation and any agreed subsequent updates of the RMP.

An updated RMP should be submitted:

- At the request of the European Medicines Agency;
- Whenever the risk management system is modified, especially as the result of new information being received that may lead to a significant change to the benefit/risk profile or as the result of an important (pharmacovigilance or risk minimisation) milestone being reached.

If the dates for submission of a PSUR and the update of a RMP coincide, they can be submitted at the same time.

ANNEX III
LABELLING AND PACKAGE LEAFLET

A. LABELLING

PARTICULARS TO APPEAR ON THE OUTER PACKAGING

CARTON

1. NAME OF THE MEDICINAL PRODUCT

Temozolomide Accord 5 mg hard capsules
temozolomide

2. STATEMENT OF ACTIVE SUBSTANCE(S)

Each hard capsule contains 5 mg of temozolomide.

3. LIST OF EXCIPIENTS

Contains lactose. See package leaflet for further information
.

4. PHARMACEUTICAL FORM AND CONTENTS

5 hard capsules
20 hard capsules

5. METHOD AND ROUTE(S) OF ADMINISTRATION

Read the package leaflet before use .
Oral use.

6. SPECIAL WARNING THAT THE MEDICINAL PRODUCT MUST BE STORED OUT OF THE SIGHT AND REACH OF CHILDREN

Keep out of the sight and reach of children, preferably in a locked cupboard. Ingestion can be lethal.

7. OTHER SPECIAL WARNING(S), IF NECESSARY

Cytotoxic.
Do not open crush or chew the capsules, swallow whole. If a capsule is damaged, avoid contact with your skin, eyes or nose.

8. EXPIRY DATE

EXP:

9. SPECIAL STORAGE CONDITIONS

Do not store above 25°C.
Store in the original bottle.
Keep the bottle tightly closed in order to protect from moisture.

10. SPECIAL PRECAUTIONS FOR DISPOSAL OF UNUSED MEDICINAL PRODUCTS OR WASTE MATERIALS DERIVED FROM SUCH MEDICINAL PRODUCTS, IF APPROPRIATE

Any unused medicinal product or waste material should be disposed of in accordance with local requirements.

11. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER

Accord Healthcare S.L.U.
World Trade Center, Moll de Barcelona, s/n,
Edifici Est 6^a planta,
08039 Barcelona,
Spain

12. MARKETING AUTHORISATION NUMBER(S)

EU/1/10/615/001
EU/1/10/615/002

13. BATCH NUMBER

Batch

14. GENERAL CLASSIFICATION FOR SUPPLY

Medicinal product subject to medical prescription

15. INSTRUCTIONS ON USE

16. INFORMATION IN BRAILLE

Temozolomide 5mg

17. UNIQUE IDENTIFIER – 2D BARCODE

2D barcode carrying the unique identifier included.

18. UNIQUE IDENTIFIER - HUMAN READABLE DATA

PC:
SN:
NN:

PARTICULARS TO APPEAR ON THE OUTER PACKAGING

CARTON

1. NAME OF THE MEDICINAL PRODUCT

Temozolomide Accord 20 mg hard capsules
temozolomide

2. STATEMENT OF ACTIVE SUBSTANCE(S)

Each hard capsule contains 20 mg of temozolomide.

3. LIST OF EXCIPIENTS

Contains lactose. See package leaflet for further information.

4. PHARMACEUTICAL FORM AND CONTENTS

5 hard capsules
20 hard capsules

5. METHOD AND ROUTE(S) OF ADMINISTRATION

Read the package leaflet before use.
Oral use.

6. SPECIAL WARNING THAT THE MEDICINAL PRODUCT MUST BE STORED OUT OF THE SIGHT AND REACH OF CHILDREN

Keep out of the sight and reach of children, preferably in a locked cupboard. Ingestion can be lethal.

7. OTHER SPECIAL WARNING(S), IF NECESSARY

Cytotoxic.
Do not open, crush or chew the capsules, swallow whole. If a capsule is damaged, avoid contact with your skin, eyes or nose.

8. EXPIRY DATE

EXP:

9. SPECIAL STORAGE CONDITIONS

Do not store above 25°C.

Store in the original bottle.
Keep the bottle tightly closed in order to protect from moisture.

10. SPECIAL PRECAUTIONS FOR DISPOSAL OF UNUSED MEDICINAL PRODUCTS OR WASTE MATERIALS DERIVED FROM SUCH MEDICINAL PRODUCTS, IF APPROPRIATE

Any unused medicinal product or waste material should be disposed of in accordance with local requirements.

11. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER

Accord Healthcare S.L.U.
World Trade Center, Moll de Barcelona, s/n,
Edifici Est 6^a planta,
08039 Barcelona,
Spain

12. MARKETING AUTHORISATION NUMBER(S)

EU/1/10/615/005
EU/1/10/615/006

13. BATCH NUMBER

Batch

14. GENERAL CLASSIFICATION FOR SUPPLY

Medicinal product subject to medical prescription

15. INSTRUCTIONS ON USE

16. INFORMATION IN BRAILLE

Temozolomide 20mg

17. UNIQUE IDENTIFIER – 2D BARCODE

2D barcode carrying the unique identifier included.

18. UNIQUE IDENTIFIER - HUMAN READABLE DATA

PC:
SN:
NN:

PARTICULARS TO APPEAR ON THE OUTER PACKAGING

CARTON

1. NAME OF THE MEDICINAL PRODUCT

Temozolomide Accord 100 mg hard capsules
temozolomide

2. STATEMENT OF ACTIVE SUBSTANCE(S)

Each hard capsule contains 100 mg of temozolomide.

3. LIST OF EXCIPIENTS

Contains lactose. See package leaflet for further information.

4. PHARMACEUTICAL FORM AND CONTENTS

5 hard capsules
20 hard capsules

5. METHOD AND ROUTE(S) OF ADMINISTRATION

Read the package leaflet before use.
Oral use.

6. SPECIAL WARNING THAT THE MEDICINAL PRODUCT MUST BE STORED OUT OF THE SIGHT AND REACH OF CHILDREN

Keep out of the sight and reach of children, preferably in a locked cupboard. Ingestion can be lethal.

7. OTHER SPECIAL WARNING(S), IF NECESSARY

Cytotoxic.
Do not open, crush or chew the capsules, swallow whole. If a capsule is damaged, avoid contact with your skin, eyes or nose.

8. EXPIRY DATE

EXP:

9. SPECIAL STORAGE CONDITIONS

Do not store above 25°C.

Store in the original bottle.
Keep the bottle tightly closed in order to protect from moisture.

10. SPECIAL PRECAUTIONS FOR DISPOSAL OF UNUSED MEDICINAL PRODUCTS OR WASTE MATERIALS DERIVED FROM SUCH MEDICINAL PRODUCTS, IF APPROPRIATE

Any unused medicinal product or waste material should be disposed of in accordance with local requirements.

11. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER

Accord Healthcare S.L.U.
World Trade Center, Moll de Barcelona, s/n,
Edifici Est 6^a planta,
08039 Barcelona,
Spain

12. MARKETING AUTHORISATION NUMBER(S)

EU/1/10/615/009
EU/1/10/615/010

13. BATCH NUMBER

Batch

14. GENERAL CLASSIFICATION FOR SUPPLY

Medicinal product subject to medical prescription

15. INSTRUCTIONS ON USE

16. INFORMATION IN BRAILLE

Temozolomide 100mg

17. UNIQUE IDENTIFIER – 2D BARCODE

2D barcode carrying the unique identifier included.

18. UNIQUE IDENTIFIER - HUMAN READABLE DATA

PC:
SN:
NN:

PARTICULARS TO APPEAR ON THE OUTER PACKAGING

CARTON

1. NAME OF THE MEDICINAL PRODUCT

Temozolomide Accord 140 mg hard capsules
temozolomide

2. STATEMENT OF ACTIVE SUBSTANCE(S)

Each hard capsule contains 140 mg of temozolomide.

3. LIST OF EXCIPIENTS

Contains lactose. See package leaflet for further information.

4. PHARMACEUTICAL FORM AND CONTENTS

5 hard capsules
20 hard capsules

5. METHOD AND ROUTE(S) OF ADMINISTRATION

Read the package leaflet before use.
Oral use.

6. SPECIAL WARNING THAT THE MEDICINAL PRODUCT MUST BE STORED OUT OF THE SIGHT AND REACH OF CHILDREN

Keep out of the sight and reach of children, preferably in a locked cupboard. Ingestion can be lethal.

7. OTHER SPECIAL WARNING(S), IF NECESSARY

Cytotoxic.
Do not open, crush or chew the capsules, swallow whole. If a capsule is damaged, avoid contact with your skin, eyes or nose.

8. EXPIRY DATE

EXP:

9. SPECIAL STORAGE CONDITIONS

Do not store above 25°C.

Store in the original bottle.
Keep the bottle tightly closed in order to protect from moisture.

10. SPECIAL PRECAUTIONS FOR DISPOSAL OF UNUSED MEDICINAL PRODUCTS OR WASTE MATERIALS DERIVED FROM SUCH MEDICINAL PRODUCTS, IF APPROPRIATE

Any unused medicinal product or waste material should be disposed of in accordance with local requirements.

11. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER

Accord Healthcare S.L.U.
World Trade Center, Moll de Barcelona, s/n,
Edifici Est 6^a planta,
08039 Barcelona,
Spain

12. MARKETING AUTHORISATION NUMBER(S)

EU/1/10/615/013
EU/1/10/615/014

13. BATCH NUMBER

Batch

14. GENERAL CLASSIFICATION FOR SUPPLY

Medicinal product subject to medical prescription

15. INSTRUCTIONS ON USE

16. INFORMATION IN BRAILLE

Temozolomide 140mg

17. UNIQUE IDENTIFIER – 2D BARCODE

2D barcode carrying the unique identifier included.

18. UNIQUE IDENTIFIER - HUMAN READABLE DATA

PC:
SN:
NN:

PARTICULARS TO APPEAR ON THE OUTER PACKAGING

CARTON

1. NAME OF THE MEDICINAL PRODUCT

Temozolomide Accord 180 mg hard capsules
temozolomide

2. STATEMENT OF ACTIVE SUBSTANCE(S)

Each hard capsule contains 180 mg of temozolomide.

3. LIST OF EXCIPIENTS

Contains lactose. See package leaflet for further information.

4. PHARMACEUTICAL FORM AND CONTENTS

5 hard capsules
20 hard capsules

5. METHOD AND ROUTE(S) OF ADMINISTRATION

Read the package leaflet before used.
Oral use.

6. SPECIAL WARNING THAT THE MEDICINAL PRODUCT MUST BE STORED OUT OF THE SIGHT AND REACH OF CHILDREN

Keep out of the sight and reach of children, preferably in a locked cupboard. Ingestion can be lethal.

7. OTHER SPECIAL WARNING(S), IF NECESSARY

Cytotoxic.
Do not open, crush or chew the capsules, swallow whole. If a capsule is damaged, avoid contact with your skin, eyes or nose.

8. EXPIRY DATE

EXP:

9. SPECIAL STORAGE CONDITIONS

Do not store above 25°C.
Store in the original bottle.

Keep the bottle tightly closed in order to protect from moisture.

10. SPECIAL PRECAUTIONS FOR DISPOSAL OF UNUSED MEDICINAL PRODUCTS OR WASTE MATERIALS DERIVED FROM SUCH MEDICINAL PRODUCTS, IF APPROPRIATE

Any unused medicinal product or waste material should be disposed of in accordance with local requirements.

11. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER

Accord Healthcare S.L.U.
World Trade Center, Moll de Barcelona, s/n,
Edifici Est 6^a planta,
08039 Barcelona,
Spain

12. MARKETING AUTHORISATION NUMBER(S)

EU/1/10/615/017
EU/1/10/615/018

13. BATCH NUMBER

Batch

14. GENERAL CLASSIFICATION FOR SUPPLY

Medicinal product subject to medical prescription

15. INSTRUCTIONS ON USE

16. INFORMATION IN BRAILLE

Temozolomide 180mg

17. UNIQUE IDENTIFIER – 2D BARCODE

2D barcode carrying the unique identifier included.

18. UNIQUE IDENTIFIER - HUMAN READABLE DATA

PC:
SN:
NN:

PARTICULARS TO APPEAR ON THE OUTER PACKAGING

CARTON

1. NAME OF THE MEDICINAL PRODUCT

Temozolomide Accord 250 mg hard capsules
temozolomide

2. STATEMENT OF ACTIVE SUBSTANCE(S)

Each hard capsule contains 250 mg of temozolomide.

3. LIST OF EXCIPIENTS

Contains lactose. See the package leaflet for further information.

4. PHARMACEUTICAL FORM AND CONTENTS

5 hard capsules
20 hard capsules

5. METHOD AND ROUTE(S) OF ADMINISTRATION

Read the package leaflet before use.
Oral use.

6. SPECIAL WARNING THAT THE MEDICINAL PRODUCT MUST BE STORED OUT OF THE SIGHT AND OF CHILDREN

Keep out of the sight and reach of children, preferably in a locked cupboard. Ingestion can be lethal.

7. OTHER SPECIAL WARNING(S), IF NECESSARY

Cytotoxic.
Do not open, crush or chew the capsules, swallow whole. If a capsule is damaged, avoid contact with your skin, eyes or nose.

8. EXPIRY DATE

EXP:

9. SPECIAL STORAGE CONDITIONS

Do not store above 25°C.

Store in the original bottle.
Keep the bottle tightly closed in order to protect from moisture.

10. SPECIAL PRECAUTIONS FOR DISPOSAL OF UNUSED MEDICINAL PRODUCTS OR WASTE MATERIALS DERIVED FROM SUCH MEDICINAL PRODUCTS, IF APPROPRIATE

Any unused medicinal product or waste material should be disposed of in accordance with local requirements.

11. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER

Accord Healthcare S.L.U.
World Trade Center, Moll de Barcelona, s/n,
Edifici Est 6^a planta,
08039 Barcelona,
Spain

12. MARKETING AUTHORISATION NUMBER(S)

EU/1/10/615/021
EU/1/10/615/022

13. BATCH NUMBER

Batch

14. GENERAL CLASSIFICATION FOR SUPPLY

Medicinal product subject to medical prescription

15. INSTRUCTIONS ON USE

16. INFORMATION IN BRAILLE

Temozolomide 250mg

17. UNIQUE IDENTIFIER – 2D BARCODE

2D barcode carrying the unique identifier included.

18. UNIQUE IDENTIFIER - HUMAN READABLE DATA

PC:
SN:
NN:

MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING UNITS

BOTTLE LABEL

1. NAME OF THE MEDICINAL PRODUCT AND ROUTE(S) OF ADMINISTRATION

Temozolomide Accord 5 mg hard capsules
temozolomide
Oral use

2. METHOD OF ADMINISTRATION

3. EXPIRY DATE

EXP:

4. BATCH NUMBER

Batch:

5. CONTENTS BY WEIGHT, BY VOLUME OR BY UNIT

5 hard capsules
20 hard capsules

6. OTHER

MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING UNITS

BOTTLE LABEL

1. NAME OF THE MEDICINAL PRODUCT AND ROUTE(S) OF ADMINISTRATION

Temozolomide Accord 20 mg hard capsules
temozolomide
Oral use

2. METHOD OF ADMINISTRATION

3. EXPIRY DATE

EXP:

4. BATCH NUMBER

Batch:

5. CONTENTS BY WEIGHT, BY VOLUME OR BY UNIT

5 hard capsules
20 hard capsules

6. OTHER

MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING UNITS

BOTTLE LABEL

1. NAME OF THE MEDICINAL PRODUCT AND ROUTE(S) OF ADMINISTRATION

Temozolomide Accord 100 mg hard capsules
temozolomide
Oral use

2. METHOD OF ADMINISTRATION

3. EXPIRY DATE

EXP:

4. BATCH NUMBER

Batch:

5. CONTENTS BY WEIGHT, BY VOLUME OR BY UNIT

5 hard capsules
20 hard capsules

6. OTHER

MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING UNITS

BOTTLE LABEL

1. NAME OF THE MEDICINAL PRODUCT AND ROUTE(S) OF ADMINISTRATION

Temozolomide Accord 140 mg hard capsules
temozolomide
Oral use

2. METHOD OF ADMINISTRATION

3. EXPIRY DATE

EXP:

4. BATCH NUMBER

Batch:

5. CONTENTS BY WEIGHT, BY VOLUME OR BY UNIT

5 hard capsules
20 hard capsules

6. OTHER

MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING UNITS

BOTTLE LABEL

1. NAME OF THE MEDICINAL PRODUCT AND ROUTE(S) OF ADMINISTRATION

Temozolomide Accord 180 mg hard capsules
temozolomide
Oral use

2. METHOD OF ADMINISTRATION

3. EXPIRY DATE

EXP:

4. BATCH NUMBER

Batch:

5. CONTENTS BY WEIGHT, BY VOLUME OR BY UNIT

5 hard capsules
20 hard capsules

6. OTHER

MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING UNITS

BOTTLE LABEL

1. NAME OF THE MEDICINAL PRODUCT AND ROUTE(S) OF ADMINISTRATION

Temozolomide Accord 250 mg hard capsules
temozolomide
Oral use

2. METHOD OF ADMINISTRATION

3. EXPIRY DATE

EXP:

4. BATCH NUMBER

Batch:

5. CONTENTS BY WEIGHT, BY VOLUME OR BY UNIT

5 hard capsules
20 hard capsules

6. OTHER

PARTICULARS TO APPEAR ON THE OUTER PACKAGING

SACHET CARTON

1. NAME OF THE MEDICINAL PRODUCT

Temozolomide Accord 5 mg hard capsules
temozolomide

2. STATEMENT OF ACTIVE SUBSTANCE(S)

Each hard capsule contains 5 mg of temozolomide.

3. LIST OF EXCIPIENTS

Contains lactose. See package leaflet for further information

4. PHARMACEUTICAL FORM AND CONTENTS

5 hard capsules
20 hard capsules

5. METHOD AND ROUTE(S) OF ADMINISTRATION

Read the package leaflet before use .
Oral use.

6. SPECIAL WARNING THAT THE MEDICINAL PRODUCT MUST BE STORED OUT OF THE SIGHT AND REACH OF CHILDREN

Keep out of the sight and reach of children, preferably in a locked cupboard. Ingestion can be lethal.

7. OTHER SPECIAL WARNING(S), IF NECESSARY

Cytotoxic.
Do not open crush or chew the capsules, swallow whole. If a capsule is damaged, avoid contact with your skin, eyes or nose.

8. EXPIRY DATE

EXP:

9. SPECIAL STORAGE CONDITIONS

Do not store above 25 °C.
Store in the original package in order to protect from moisture

10. SPECIAL PRECAUTIONS FOR DISPOSAL OF UNUSED MEDICINAL PRODUCTS OR WASTE MATERIALS DERIVED FROM SUCH MEDICINAL PRODUCTS, IF APPROPRIATE

Any unused medicinal product or waste material should be disposed of in accordance with local requirements.

11. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER

Accord Healthcare S.L.U.
World Trade Center, Moll de Barcelona, s/n,
Edifici Est 6^a planta,
08039 Barcelona,
Spain

12. MARKETING AUTHORISATION NUMBER(S)

EU/1/10/615/025
EU/1/10/615/026

13. BATCH NUMBER

Batch

14. GENERAL CLASSIFICATION FOR SUPPLY

Medicinal product subject to medical prescription

15. INSTRUCTIONS ON USE

16. INFORMATION IN BRAILLE

Temozolomide 5mg

17. UNIQUE IDENTIFIER – 2D BARCODE

2D barcode carrying the unique identifier included.

18. UNIQUE IDENTIFIER - HUMAN READABLE DATA

PC:
SN:
NN:

PARTICULARS TO APPEAR ON THE OUTER PACKAGING

SACHET CARTON

1. NAME OF THE MEDICINAL PRODUCT

Temozolomide Accord 20 mg hard capsules
temozolomide

2. STATEMENT OF ACTIVE SUBSTANCE(S)

Each hard capsule contains 20 mg of temozolomide.

3. LIST OF EXCIPIENTS

Contains lactose. See package leaflet for further information.

4. PHARMACEUTICAL FORM AND CONTENTS

5 hard capsules
20 hard capsules

5. METHOD AND ROUTE(S) OF ADMINISTRATION

Read the package leaflet before use.
Oral use.

6. SPECIAL WARNING THAT THE MEDICINAL PRODUCT MUST BE STORED OUT OF THE SIGHT AND REACH OF CHILDREN

Keep out of the sight and reach of children, preferably in a locked cupboard. Ingestion can be lethal.

7. OTHER SPECIAL WARNING(S), IF NECESSARY

Cytotoxic.
Do not open, crush or chew the capsules, swallow whole. If a capsule is damaged, avoid contact with your skin, eyes or nose.

8. EXPIRY DATE

EXP:

9. SPECIAL STORAGE CONDITIONS

Do not store above 25 °C.
Store in the original package in order to protect from moisture

10. SPECIAL PRECAUTIONS FOR DISPOSAL OF UNUSED MEDICINAL PRODUCTS OR WASTE MATERIALS DERIVED FROM SUCH MEDICINAL PRODUCTS, IF APPROPRIATE

Any unused medicinal product or waste material should be disposed of in accordance with local requirements.

11. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER

Accord Healthcare S.L.U.
World Trade Center, Moll de Barcelona, s/n,
Edifici Est 6^a planta,
08039 Barcelona,
Spain

12. MARKETING AUTHORISATION NUMBER(S)

EU/1/10/615/027
EU/1/10/615/028

13. BATCH NUMBER

Batch

14. GENERAL CLASSIFICATION FOR SUPPLY

Medicinal product subject to medical prescription

15. INSTRUCTIONS ON USE

16. INFORMATION IN BRAILLE

Temozolomide 20mg

17. UNIQUE IDENTIFIER – 2D BARCODE

2D barcode carrying the unique identifier included.

18. UNIQUE IDENTIFIER - HUMAN READABLE DATA

PC:
SN:
NN:

PARTICULARS TO APPEAR ON THE OUTER PACKAGING

SACHET CARTON

1. NAME OF THE MEDICINAL PRODUCT

Temozolomide Accord 100 mg hard capsules
temozolomide

2. STATEMENT OF ACTIVE SUBSTANCE(S)

Each hard capsule contains 100 mg of temozolomide.

3. LIST OF EXCIPIENTS

Contains lactose. See package leaflet for further information.

4. PHARMACEUTICAL FORM AND CONTENTS

5 hard capsules
20 hard capsules

5. METHOD AND ROUTE(S) OF ADMINISTRATION

Read the package leaflet before use.
Oral use.

6. SPECIAL WARNING THAT THE MEDICINAL PRODUCT MUST BE STORED OUT OF THE SIGHT AND REACH OF CHILDREN

Keep out of the sight and reach of children, preferably in a locked cupboard. Ingestion can be lethal.

7. OTHER SPECIAL WARNING(S), IF NECESSARY

Cytotoxic.
Do not open, crush or chew the capsules, swallow whole. If a capsule is damaged, avoid contact with your skin, eyes or nose.

8. EXPIRY DATE

EXP:

9. SPECIAL STORAGE CONDITIONS

Do not store above 25 °C.
Store in the original package in order to protect from moisture

10. SPECIAL PRECAUTIONS FOR DISPOSAL OF UNUSED MEDICINAL PRODUCTS OR WASTE MATERIALS DERIVED FROM SUCH MEDICINAL PRODUCTS, IF APPROPRIATE

Any unused medicinal product or waste material should be disposed of in accordance with local requirements.

11. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER

Accord Healthcare S.L.U.
World Trade Center, Moll de Barcelona, s/n,
Edifici Est 6^a planta,
08039 Barcelona,
Spain

12. MARKETING AUTHORISATION NUMBER(S)

EU/1/10/615/029
EU/1/10/615/030

13. BATCH NUMBER

Batch

14. GENERAL CLASSIFICATION FOR SUPPLY

Medicinal product subject to medical prescription

15. INSTRUCTIONS ON USE

16. INFORMATION IN BRAILLE

Temozolomide 100mg

17. UNIQUE IDENTIFIER – 2D BARCODE

2D barcode carrying the unique identifier included.

18. UNIQUE IDENTIFIER - HUMAN READABLE DATA

PC:
SN:
NN:

PARTICULARS TO APPEAR ON THE OUTER PACKAGING

SACHET CARTON

1. NAME OF THE MEDICINAL PRODUCT

Temozolomide Accord 140 mg hard capsules
temozolomide

2. STATEMENT OF ACTIVE SUBSTANCE(S)

Each hard capsule contains 140 mg of temozolomide.

3. LIST OF EXCIPIENTS

Contains lactose. See package leaflet for further information.

4. PHARMACEUTICAL FORM AND CONTENTS

5 hard capsules
20 hard capsules

5. METHOD AND ROUTE(S) OF ADMINISTRATION

Read the package leaflet before use.
Oral use.

6. SPECIAL WARNING THAT THE MEDICINAL PRODUCT MUST BE STORED OUT OF THE SIGHT AND REACH OF CHILDREN

Keep out of the sight and reach of children, preferably in a locked cupboard. Ingestion can be lethal.

7. OTHER SPECIAL WARNING(S), IF NECESSARY

Cytotoxic.
Do not open, crush or chew the capsules, swallow whole. If a capsule is damaged, avoid contact with your skin, eyes or nose.

8. EXPIRY DATE

EXP:

9. SPECIAL STORAGE CONDITIONS

Do not store above 25 °C.
Store in the original package in order to protect from moisture

10. SPECIAL PRECAUTIONS FOR DISPOSAL OF UNUSED MEDICINAL PRODUCTS OR WASTE MATERIALS DERIVED FROM SUCH MEDICINAL PRODUCTS, IF APPROPRIATE

Any unused medicinal product or waste material should be disposed of in accordance with local requirements.

11. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER

Accord Healthcare S.L.U.
World Trade Center, Moll de Barcelona, s/n,
Edifici Est 6^a planta,
08039 Barcelona,
Spain

12. MARKETING AUTHORISATION NUMBER(S)

EU/1/10/615/031
EU/1/10/615/032

13. BATCH NUMBER

Batch

14. GENERAL CLASSIFICATION FOR SUPPLY

Medicinal product subject to medical prescription

15. INSTRUCTIONS ON USE

16. INFORMATION IN BRAILLE

Temozolomide 140mg

17. UNIQUE IDENTIFIER – 2D BARCODE

2D barcode carrying the unique identifier included.

18. UNIQUE IDENTIFIER - HUMAN READABLE DATA

PC:
SN:
NN:

PARTICULARS TO APPEAR ON THE OUTER PACKAGING

SACHET CARTON

1. NAME OF THE MEDICINAL PRODUCT

Temozolomide Accord 180 mg hard capsules
temozolomide

2. STATEMENT OF ACTIVE SUBSTANCE(S)

Each hard capsule contains 180 mg of temozolomide.

3. LIST OF EXCIPIENTS

Contains lactose. See package leaflet for further information.

4. PHARMACEUTICAL FORM AND CONTENTS

5 hard capsules
20 hard capsules

5. METHOD AND ROUTE(S) OF ADMINISTRATION

Read the package leaflet before used.
Oral use.

6. SPECIAL WARNING THAT THE MEDICINAL PRODUCT MUST BE STORED OUT OF THE SIGHT AND REACH OF CHILDREN

Keep out of the sight and reach of children, preferably in a locked cupboard. Ingestion can be lethal.

7. OTHER SPECIAL WARNING(S), IF NECESSARY

Cytotoxic.
Do not open, crush or chew the capsules, swallow whole. If a capsule is damaged, avoid contact with your skin, eyes or nose.

8. EXPIRY DATE

EXP:

9. SPECIAL STORAGE CONDITIONS

Do not store above 25 °C.
Store in the original package in order to protect from moisture

10. SPECIAL PRECAUTIONS FOR DISPOSAL OF UNUSED MEDICINAL PRODUCTS OR WASTE MATERIALS DERIVED FROM SUCH MEDICINAL PRODUCTS, IF APPROPRIATE

Any unused medicinal product or waste material should be disposed of in accordance with local requirements.

11. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER

Accord Healthcare S.L.U.
World Trade Center, Moll de Barcelona, s/n,
Edifici Est 6^a planta,
08039 Barcelona,
Spain

12. MARKETING AUTHORISATION NUMBER(S)

EU/1/10/615/033
EU/1/10/615/034

13. BATCH NUMBER

Batch

14. GENERAL CLASSIFICATION FOR SUPPLY

Medicinal product subject to medical prescription

15. INSTRUCTIONS ON USE

16. INFORMATION IN BRAILLE

Temozolomide 180mg

17. UNIQUE IDENTIFIER – 2D BARCODE

2D barcode carrying the unique identifier included.

18. UNIQUE IDENTIFIER - HUMAN READABLE DATA

PC:
SN:
NN:

PARTICULARS TO APPEAR ON THE OUTER PACKAGING

SACHET CARTON

1. NAME OF THE MEDICINAL PRODUCT

Temozolomide Accord 250 mg hard capsules
temozolomide

2. STATEMENT OF ACTIVE SUBSTANCE(S)

Each hard capsule contains 250 mg of temozolomide.

3. LIST OF EXCIPIENTS

Contains lactose. See the package leaflet for further information.

4. PHARMACEUTICAL FORM AND CONTENTS

5 hard capsules
20 hard capsules

5. METHOD AND ROUTE(S) OF ADMINISTRATION

Read the package leaflet before use.
Oral use.

6. SPECIAL WARNING THAT THE MEDICINAL PRODUCT MUST BE STORED OUT OF THE SIGHT AND OF CHILDREN

Keep out of the sight and reach of children, preferably in a locked cupboard. Ingestion can be lethal.

7. OTHER SPECIAL WARNING(S), IF NECESSARY

Cytotoxic.
Do not open, crush or chew the capsules, swallow whole. If a capsule is damaged, avoid contact with your skin, eyes or nose.

8. EXPIRY DATE

EXP:

9. SPECIAL STORAGE CONDITIONS

Do not store above 25 °C.
Store in the original package in order to protect from moisture

10. SPECIAL PRECAUTIONS FOR DISPOSAL OF UNUSED MEDICINAL PRODUCTS OR WASTE MATERIALS DERIVED FROM SUCH MEDICINAL PRODUCTS, IF APPROPRIATE

Any unused medicinal product or waste material should be disposed of in accordance with local requirements.

11. NAME AND ADDRESS OF THE MARKETING AUTHORISATION HOLDER

Accord Healthcare S.L.U.
World Trade Center, Moll de Barcelona, s/n,
Edifici Est 6^a planta,
08039 Barcelona,
Spain

12. MARKETING AUTHORISATION NUMBER(S)

EU/1/10/615/035
EU/1/10/615/036

13. BATCH NUMBER

Batch

14. GENERAL CLASSIFICATION FOR SUPPLY

Medicinal product subject to medical prescription

15. INSTRUCTIONS ON USE

16. INFORMATION IN BRAILLE

Temozolomide 250mg

17. UNIQUE IDENTIFIER – 2D BARCODE

2D barcode carrying the unique identifier included.

18. UNIQUE IDENTIFIER - HUMAN READABLE DATA

PC:
SN:
NN:

MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING UNITS

SACHET LABEL

1. NAME OF THE MEDICINAL PRODUCT AND ROUTE(S) OF ADMINISTRATION

Temozolomide Accord 5 mg hard capsules
temozolomide
Oral use

2. METHOD OF ADMINISTRATION

3. EXPIRY DATE

EXP:

4. BATCH NUMBER

Lot:

5. CONTENTS BY WEIGHT, BY VOLUME OR BY UNIT

1 hard capsule

6. OTHER

MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING UNITS

SACHET LABEL

1. NAME OF THE MEDICINAL PRODUCT AND ROUTE(S) OF ADMINISTRATION

Temozolomide Accord 20 mg hard capsules
temozolomide
Oral use

2. METHOD OF ADMINISTRATION

3. EXPIRY DATE

EXP:

4. BATCH NUMBER

Lot:

5. CONTENTS BY WEIGHT, BY VOLUME OR BY UNIT

1 hard capsule

6. OTHER

MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING UNITS

SACHET LABEL

1. NAME OF THE MEDICINAL PRODUCT AND ROUTE(S) OF ADMINISTRATION

Temozolomide Accord 100 mg hard capsules
temozolomide
Oral use

2. METHOD OF ADMINISTRATION

3. EXPIRY DATE

EXP:

4. BATCH NUMBER

Lot:

5. CONTENTS BY WEIGHT, BY VOLUME OR BY UNIT

1 hard capsule

6. OTHER

MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING UNITS

SACHET LABEL

1. NAME OF THE MEDICINAL PRODUCT AND ROUTE(S) OF ADMINISTRATION

Temozolomide Accord 140 mg hard capsules
temozolomide
Oral use

2. METHOD OF ADMINISTRATION

3. EXPIRY DATE

EXP:

4. BATCH NUMBER

Lot:

5. CONTENTS BY WEIGHT, BY VOLUME OR BY UNIT

1 hard capsule

6. OTHER

MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING UNITS

SACHET LABEL

1. NAME OF THE MEDICINAL PRODUCT AND ROUTE(S) OF ADMINISTRATION

Temozolomide Accord 180 mg hard capsules
temozolomide
Oral use

2. METHOD OF ADMINISTRATION

3. EXPIRY DATE

EXP:

4. BATCH NUMBER

Lot:

5. CONTENTS BY WEIGHT, BY VOLUME OR BY UNIT

1 hard capsule

6. OTHER

MINIMUM PARTICULARS TO APPEAR ON SMALL IMMEDIATE PACKAGING UNITS

SACHET LABEL

1. NAME OF THE MEDICINAL PRODUCT AND ROUTE(S) OF ADMINISTRATION

Temozolomide Accord 250 mg hard capsules
temozolomide
Oral use

2. METHOD OF ADMINISTRATION

3. EXPIRY DATE

EXP:

4. BATCH NUMBER

Lot:

5. CONTENTS BY WEIGHT, BY VOLUME OR BY UNIT

1 hard capsule

6. OTHER

B. PACKAGE LEAFLET

Package leaflet: Information for the user

Temozolomide Accord 5 mg hard capsules
Temozolomide Accord 20 mg hard capsules
Temozolomide Accord 100 mg hard capsules
Temozolomide Accord 140 mg hard capsules
Temozolomide Accord 180 mg hard capsules
Temozolomide Accord 250 mg hard capsules
temozolomide

Read all of this leaflet carefully before you start taking this medicine because it contains important information for you.

- Keep this leaflet. You may need to read it again.
- If you have any further questions, ask your doctor, pharmacist or nurse.
- This medicine has been prescribed for you only. Do not pass it on to others. It may harm them, even if their signs of illness are the same as yours.
- If you get any side effects, talk to your doctor, pharmacist or nurse. This includes any possible side effects not listed in this leaflet. See section 4.

What is in this leaflet

1. What Temozolomide Accord is and what it is used for
2. What you need to know before you take Temozolomide Accord
3. How to take Temozolomide Accord
4. Possible side effects
5. How to store Temozolomide Accord
6. Contents of the pack and other information

1. What Temozolomide Accord is and what it is used for

Temozolomide is an antitumour-r medicine.

Temozolomide Accord capsules is used for the treatment of specific forms of brain tumours:

- In adults with newly-diagnosed glioblastoma multiforme. Temozolomide is first used together with radiotherapy (concomitant phase of treatment) and after that alone (monotherapy phase of treatment).
- In children 3 years and older and adult patients with malignant glioma, glioblastoma multiforme or anaplastic Astrocytoma. Temozolomide is used in these tumours if they return or get worse after standard treatment.

2. What you need to know before you take Temozolomide Accord

Do not take Temozolomide Accord

- if you are allergic to temozolomide or any of the other ingredients of this medicine (listed in section 6).
- if you have had an allergic reaction to another anti-cancer medicine called dacarbazine. Signs of allergic reaction include feeling itchy, breathlessness or wheezing, swelling of the face, lips, tongue or throat.
- if you have a reduced number of blood cells (myelosuppression), such as your white blood cell count and platelet count. These blood cells are important for fighting infection and for proper blood clotting. Your doctor will check your blood to make sure you have enough of these cells before you begin treatment.

Warnings and precautions

Talk to your doctor, pharmacist or nurse before taking Temozolomide Accord,

- as you should be observed closely for the development of a serious form of chest infection called *Pneumocystis jirovecii* pneumonia (PCP). If you are a newly-diagnosed patient (glioblastoma multiforme) you may be receiving temozolomide for 42 days in combination with radiotherapy. In this case, your doctor will also prescribe medicine to help you prevent this type of pneumonia (PCP).
- if you have ever had or might now have a hepatitis B infection. This is because Temozolomide Accord could cause hepatitis B to become active again, which can be fatal in some cases. Patients will be carefully checked by their doctor for signs of this infection before treatment.
- if you have low counts of red blood cells (anaemia), white blood cells count and platelets count, or blood clotting problems before starting the treatment, or if you develop them during treatment. Your doctor may decide to reduce the dose, interrupt, stop or change your treatment. You may also need other treatments. In some cases, it may be necessary to stop treatment with temozolomide. Your blood will be tested frequently during treatment to monitor the side effects of temozolomide on your blood cells.
- as you may have a small risk of other changes in blood cells, including leukaemia.
- if you have nausea (feeling sick in your stomach) and/or vomiting, which are very common side effects of Temozolomide (see section 4), your doctor may prescribe you a medicine (an anti-emetic) to help prevent vomiting. If you vomit frequently before or during treatment, ask your doctor about the best time to take temozolomide until the vomiting is under control. If you vomit after taking your dose, do not take a second dose on the same day.
- if you develop fever or symptoms of an infection, contact your doctor immediately.
- if you are older than 70 years of age, you might be more prone to infections, bruising or bleeding.
- if you have liver or kidney problems, your dose of temozolomide may need to be adjusted.

Children and adolescents

Do not give this medicine to children under the age of 3 years because it has not been studied. There is limited information in patients over 3 years of age who have taken Temozolomide Accord.

Other medicines and Temozolomide Accord

Tell your doctor or pharmacist if you are taking, have recently taken or might take any other medicines.

Pregnancy, breast-feeding and fertility

If you are pregnant, think you may be pregnant or are planning to have a baby, ask your doctor or pharmacist for advice before taking this medicine. This is because you must not be treated with Temozolomide Accord during pregnancy unless clearly indicated by your doctor.

Effective contraceptive precautions must be taken by female patients who are able to become pregnant during treatment with Temozolomide Accord and for at least 6 months following completion of treatment.

You should stop breast-feeding while receiving treatment with Temozolomide Accord.

Male fertility

Temozolomide Accord may cause permanent infertility. Male patients should use effective contraception and not father a child for at least 3 months after stopping treatment. It is recommended to seek advice on conservation of sperm prior to treatment.

Driving and using machines

Temozolomide Accord may make you feel tired or sleepy. In this case, do not drive or use any tools or machines or cycle until you see how this medicine affects you (see section 4).

Temozolomide Accord contains lactose

This medicine contains lactose (a kind of sugar). If you have been told by your doctor that you have an intolerance to some sugars, contact your doctor before taking this medicine.

Temozolomide Accord contains sodium

This medicine contains less than 1 mmol sodium (23 mg) per capsule, that is to say essentially 'sodium-free'.

3. How to take Temozolomide Accord

Always take this medicine exactly as your doctor or pharmacist has told you. Check with your doctor or pharmacist if you are not sure.

How to open sachet

Open the sachet by folding and tearing along the fold line with the notch in the corner of the sachet.

Temozolomide should only be prescribed by specialists experienced in brain tumours.

Dosage and duration of treatment

Your doctor will work out your dose of temozolomide. This is based on your size (height and weight) and if you have a recurrent tumour and have had chemotherapy treatment in the past. You may be given other medicines (anti-emetics) to take before and/or after taking temozolomide to prevent or control nausea and vomiting.

Take your prescribed dose of Temozolomide Accord once a day. Take the dose on an empty stomach; for example, at least one hour before you plan to eat breakfast. Swallow the capsule(s) whole with a glass of water. Do not open, crush or chew the capsules.

If a capsule is damaged, avoid contact of the powder with your skin, eyes or nose. Avoid inhaling the powder. If you accidentally get some in your eyes or nose, flush the area with water.

If you are taking Temozolomide Accord in combination with radiotherapy (newly diagnosed patients):

While the radiotherapy is ongoing your doctor will start temozolomide at a dose of 75 mg/m² and the actual daily dose you take will depend on your height and weight. You will take this dose every day for 42 days (up to 49 days) in combination with radiotherapy. Based on your blood counts and how you tolerate temozolomide, the dose may be delayed or stopped.

Once the radiotherapy is completed, you will interrupt treatment for 4 weeks to give your body a chance to recover.

Then, you will start the monotherapy phase.

During the monotherapy phase, the dose and way you take Temozolomide Accord will be different. Your doctor will work out your exact dose. Then there may be up to 6 treatment cycles, and each one lasts 28 days. You will take your new dose of Temozolomide capsules initially at 150 mg/m² once daily for the first five days ("dosing days") of each cycle, followed by 23 days without temozolomide; this adds up to a 28 day treatment cycle.

After day 28, the next cycle will begin, in which you will again take this medicine once daily for five days followed by 23 days without temozolomide. Based on your blood counts and how you tolerate temozolomide during each treatment cycle, the dose may be adjusted, delayed or stopped.

If you are taking Temozolomide Accord capsules alone (without radiotherapy):

A treatment cycle with Temozolomide Accord comprises 28 days. You will take the capsules once daily for the first five days (“dosing days”) followed by 23 days without temozolomide, adding up to the 28 day treatment cycle.

After Day 28, the next cycle will begin, in which you will again take this medicine once daily for five days followed by 23 days without temozolomide. Before each new treatment cycle, your blood will be tested to see if the temozolomide dose needs to be adjusted.

If you have not been treated before with chemotherapy, you will take your first dose of temozolomide at 200 mg/m² once daily for the first five days (“dosing days”) followed by 23 days without temozolomide. If you have been treated before with chemotherapy, you will take your first dose of temozolomide at 150 mg/m² once daily for the first five days (“dosing days”) followed by 23 days without temozolomide.

Depending on your blood test results, your doctor may adjust your dose for the next cycle. Each time you start a new treatment cycle, be sure you understand exactly how many capsules of each strength you need to take each day and how many days you will receive this dose.

All patients

Temozolomide comes in different strength capsules (shown on the outer label in mg). Each strength has a different colour cap. Depending on the dose of temozolomide that your doctor prescribes, you may have to take several capsules on each dosing day of the treatment cycle.

- Be sure you understand exactly how many capsules you need to take of each strength. Ask your doctor or pharmacist to write down the number of each strength (including colour) that you need to take each dosing day.
- Be sure you know exactly which days are your dosing days.
- Be sure you review the dose with your health care provider each time you start a new cycle. Sometimes the dose or the mix of capsules you need to take will be different from the last cycle.
- Once you take the medicine home, if you are confused or unsure about how to take your dose, call for re-instruction before beginning the treatment cycle. Errors in how you take this medicine may have serious health consequences.

If you take more Temozolomide Accord than you should

If you accidentally take more capsules than you were told to, contact your doctor, pharmacist or nurse immediately.

If you forget to take Temozolomide Accord

Take the missed dose as soon as possible during the same day. If a full day has gone by, check with your doctor. Do not double the next dose to make up for a forgotten dose, unless your doctor tells you to do so.

If you have any further questions on the use of this medicine, ask your doctor, pharmacist or nurse.

4. Possible side effects

Like all medicines, this medicine can cause side effects, although not everybody gets them.

Patients taking temozolomide in combination with radiation therapy may experience different side effects than patients taking temozolomide alone.

Contact your doctor immediately if you have any of the following:

- a severe allergic reaction (hypersensitive) (hives, wheezing or other breathing difficulty),
- uncontrolled bleeding,
- seizures (convulsions),
- fever,
- chills,
- severe headache that does not go away.

Temozolomide treatment can cause a reduction in certain kinds of blood cells. This may cause you to have increased bruising or bleeding, anaemia (a shortage of red blood cells), fever, and/or a reduced resistance to infections. The reduction of blood cells is usually temporary, but in some cases may be for longer and may lead to a very severe form of anaemia (aplastic anaemia). Your doctor will monitor your blood regularly for any changes, and will decide if any specific treatment is needed. In some cases, your temozolomide dose will be reduced or discontinued.

Other side effects that have been reported are listed below:

Very Common side effects (may affect more than 1 in 10 people) are:

- loss of appetite, difficulty speaking, headache
- vomiting, nausea, diarrhoea, constipation
- rash, hair loss
- tiredness

Common side effects (may affect up to 1 in 10 people) are:

- infections, oral infections
- reduced number of blood cells (neutropenia, lymphopenia, thrombocytopenia)
- allergic reaction
- increased blood sugar
- memory impairment, depression, anxiety, confusion, inability to fall asleep or stay asleep
- impaired coordination and balance
- difficulty concentrating, change in mental status or alertness, forgetfulness
- dizziness, impaired sensations, tingling sensations, shaking, abnormal taste
- partial loss of vision, abnormal vision, double vision, dry or painful eyes
- deafness, ringing in the ears, earache
- blood clot in lung or legs, high blood pressure
- pneumonia, shortness of breath, bronchitis, cough, inflammation of your sinuses
- stomach or abdominal pain, upset stomach/heartburn, difficulty swallowing
- dry skin, itching
- muscle damage, muscle weakness, muscle aches and pain
- painful joint, back pain
- frequent urination, difficulty withholding your urine
- fever, flu-like symptoms, pain, feeling unwell, a cold or the flu
- fluid retention, swollen legs
- liver enzyme elevations
- loss of weight, weight gain
- radiation injury

Uncommon sideeffects (may affect up to 1 in 100 people) are:

- brain infections (meningoencephalitis herpetic) including fatal cases

- wound infections
- new or reactivated cytomegalovirus infections
- reactivated hepatitis B virus infections
- secondary cancers including leukaemia
- reduced blood cell counts (pancytopenia, anaemia, leukopenia)
- red spots under the skin
- diabetes insipidus (symptoms include increased urination and feeling thirsty), low potassium level in the blood
- mood swings, hallucination
- partial paralysis, change in your sense of smell
- hearing impairment, infection of the middle ear
- palpitations (when you can feel your heart beat), hot flushes
- swollen stomach, difficulty controlling your bowel movements, haemorrhoids, dry mouth
- hepatitis and injury to the liver (including fatal liver failure), cholestasis, increased bilirubin
- blisters on body or in mouth, skin peeling, skin eruption, painful reddening of the skin, severe rash with skin swelling (including palms and soles)
- increased sensitivity to sunlight, urticaria (hives), increased sweating, change in skin colour
- difficulty in urinating
- vaginal bleeding, vaginal irritation, absent or heavy menstrual periods, breast pain, sexual impotence
- shivering, face swelling, discolouration of the tongue, thirst, tooth disorder
- dry eyes

Reporting of side effects

If you get any side effects, talk to your doctor, pharmacist or nurse. This includes any possible side effects not listed in this leaflet. You can also report side effects directly via [the national reporting system](#) listed in [Appendix V](#). By reporting side effects you can help provide more information on the safety of this medicine.

5. How to store Temozolomide Accord

Keep this medicine out of the sight and reach of children, preferably in a locked cupboard. Accidentally ingestion can be lethal for children.

Do not use this medicine after the expiry date which is stated on the label and carton. The expiry date refers to the last day of that month.

Bottle

Do not store above 25°C.

Store in the original bottle.

Keep the bottle tightly closed in order to protect from moisture.

Sachet

Do not store above 25 °C.

Store in the original package in order to protect from moisture.

Tell your pharmacist if you notice any change in the appearance of the capsules.

Do not throw away any medicines via wastewater or household waste. Ask your pharmacist how to throw away medicines you no longer use. These measures will help protect the environment.

6. Contents of the pack and other information

What Temozolomide Accord contains

- The active substance is temozolomide.
Temozolomide Accord 5 mg hard capsules: Each capsule contains 5 mg temozolomide.
Temozolomide Accord 20 mg hard capsules: Each capsule contains 20 mg temozolomide.
Temozolomide Accord 100 mg hard capsules: Each capsule contains 100 mg temozolomide.
Temozolomide Accord 140 mg hard capsules: Each capsule contains 140 mg temozolomide.
Temozolomide Accord 180 mg hard capsules: Each capsule contains 180 mg temozolomide.
Temozolomide Accord 250 mg hard capsules: Each capsule contains 250 mg temozolomide.
- The other ingredients are:
 - capsule content:
anhydrous lactose, colloidal anhydrous silica, sodium starch glycolate type A, tartaric acid, stearic acid.
 - capsule shell:
Temozolomide Accord 5 mg hard capsules: gelatine, titanium dioxide (E 171), yellow iron oxide (E 172), indigo carmine (E 132), water.
Temozolomide Accord 20 mg hard capsules: gelatine, titanium dioxide (E 171), yellow iron oxide (E 172), water.
Temozolomide Accord 100 mg hard capsules: gelatine, titanium dioxide (E 171), red iron oxide (E 172), water.
Temozolomide Accord 140 mg hard capsules: gelatine, titanium dioxide (E 171), indigo carmine (E 132), water.
Temozolomide Accord 180 mg hard capsules: gelatine, titanium dioxide (E 171), yellow iron oxide (E 172), red iron oxide (E 172), water.
Temozolomide Accord 250 mg hard capsules: gelatine, titanium dioxide (E 171), water.
 - printing ink:
shellac, propylene glycol, black iron oxide (E172) and potassium hydroxide.

What Temozolomide Accord looks like and contents of the pack

Temozolomide Accord 5 mg hard capsules have a white body, a green cap, and are imprinted 'TMZ' on cap and '5' on body with black ink.

Temozolomide Accord 20 mg hard capsules have a white body, a yellow cap, and are imprinted 'TMZ' on cap and '20' on body with black ink.

Temozolomide Accord 100 mg hard capsules have a white body, a pink cap, and are imprinted 'TMZ' on cap and '100' on body with black ink.

Temozolomide Accord 140 mg hard capsules have a white body, a blue cap, and are imprinted 'TMZ' on cap and '140' on body with black ink.

Temozolomide Accord 180 mg hard capsules have a white body, a maroon cap, and are imprinted 'TMZ' on cap and '180' on body with black ink.

Temozolomide Accord 250 mg hard capsules have a white body, a white cap, and are imprinted 'TMZ' on cap and '250' on body with black ink.

The hard capsules are dispensed in amber glass bottles containing 5 or 20 capsules. Each carton contains 1 bottle.

The hard capsules are dispensed in sachet containing 1 capsule. Each carton contains 5 or 20 sachets.

Not all pack sizes may be marketed.

Marketing Authorisation Holder and Manufacturer

Marketing Authorisation Holder

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Other sources of information

Detailed information on this medicine is available on the European Medicines Agency website:
<http://www.ema.europa.eu>.