

**EU Risk Management Plan**  
**for**  
**Macitentan Accord 10 mg film-coated tablets**  
**(Macitentan)**

**RMP version to be assessed as part of this application:**

RMP Version number	1.3
Data lock point for this RMP	02-Apr-2025
Date of final sign off	25-Apr-2025

**Rationale for submitting an updated RMP:** Risk Management Plan (RMP) has been updated as per Rapporteurs day 150 joint CHMP and PRAC response assessment report for Macitentan Accord (EMEA/H/C/6524), dated 31-Mar-2025.

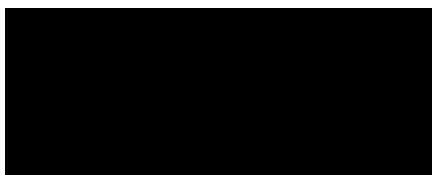
**Summary of significant changes in this RMP:** Significant changes have been done in the following section of this RMP: Part I, Part V (V.1 & V.3) , Part VI and Part VII (Annex 8).

**Other RMP versions under evaluation:** Not Applicable

**Details of the currently approved RMP:** Not Applicable

**QPPV name:** Dr. Arletta Werynska

**QPPV signature:**



**TABLE OF CONTENTS**

<b>TABLE OF CONTENTS .....</b>	<b>2</b>
<b>LIST OF TABLES.....</b>	<b>4</b>
<b>Part I: Product(s) Overview .....</b>	<b>5</b>
<b>Part II: Safety specification .....</b>	<b>8</b>
Module SI - Epidemiology of the indication(s) and target population(s).....	8
Module SII - Non-clinical part of the safety specification .....	8
Module SIII - Clinical trial exposure.....	8
Module SIV - Populations not studied in clinical trials.....	8
SIV.1 Exclusion criteria in pivotal clinical studies within the development programme .....	8
SIV.2 Limitations to detect adverse reactions in clinical trial development programmes .....	8
SIV.3 Limitations in respect to populations typically under-represented in clinical trial development programmes .....	8
Module SV - Post-authorisation experience .....	8
SV.1 Post-authorisation exposure.....	8
Module SVI - Additional EU requirements for the safety specification .....	8
Module SVII - Identified and potential risks.....	9
SVII.1 Identification of safety concerns in the initial RMP submission.....	9
SVII.1.1. Risks not considered important for inclusion in the list of safety concerns in the RMP .....	9
SVII.1.2. Risks considered important for inclusion in the list of safety concerns in the RMP .....	9
SVII.2 New safety concerns and reclassification with a submission of an updated RMP .....	9
SVII.3 Details of important identified risks, important potential risks, and missing information .....	9
SVII.3.1. Presentation of important identified risks and important potential risks .....	9
SVII.3.2 Presentation of the missing information.....	9
Module SVIII - Summary of the safety concerns .....	10
<b>Part III: Pharmacovigilance Plan (including post-authorisation safety studies).....</b>	<b>11</b>
III.1 Routine pharmacovigilance activities .....	11
III.2 Additional pharmacovigilance activities .....	11
III.3 Summary Table of additional Pharmacovigilance activities .....	11
<b>Part IV: Plans for post-authorisation efficacy studies .....</b>	<b>12</b>
<b>Part V: Risk minimisation measures (including evaluation of the effectiveness of risk minimisation activities).....</b>	<b>13</b>
V.1. Routine Risk Minimisation Measures .....	13
V.2. Additional Risk Minimisation Measures .....	15
V.3 Summary of risk minimisation measures .....	17
<b>Part VI: Summary of the risk management plan .....</b>	<b>20</b>
I. The medicine and what it is used for.....	20
II. Risks associated with the medicine and activities to minimise or further characterise the risks .....	21
II.A List of important risks and missing information .....	21
II.B Summary of important risks.....	22
II.C Post-authorisation development plan .....	23
II.C.1 Studies which are conditions of the marketing authorisation .....	23
II.C.2 Other studies in post-authorisation development plan .....	23

<b>Part VII: Annexes.....</b>	<b>24</b>
Annex 1 – EudraVigilance Interface .....	25
Annex 2–Tabulated summary of planned, ongoing, and completed pharmacovigilance study programme	25
Annex 3 - Protocols for proposed, on-going and completed studies in the pharmacovigilance plan.....	25
Annex 4 - Specific adverse drug reaction follow-up forms.....	26
Annex 5 - Protocols for proposed and on-going studies in RMP part IV.....	34
Annex 6 - Details of proposed additional risk minimisation activities.....	35
Annex 7 - Other supporting data (including referenced material).....	36
Annex 8 – Summary of changes to the risk management plan over time .....	36

**LIST OF TABLES**

Table 1: Product Overview .....	5
Table 2: Summary of safety concerns .....	10

## Part I: Product(s) Overview

**Table 1: Product Overview**

<b>Active substance(s) (INN or common name)</b>	Macitentan
<b>Pharmacotherapeutic group(s) (ATC Code)</b>	<b>Pharmacotherapeutic group(s):</b> Anti-hypertensives, anti-hypertensives for pulmonary arterial hypertension. <b>ATC code:</b> C02KX04
<b>Marketing Authorisation Applicant</b>	Accord Healthcare S.L.U., Spain
<b>Medicinal products to which this RMP refers</b>	02
<b>Invented name(s) in the European Economic Area (EEA)</b>	Macitentan Accord 10 mg film-coated tablets
<b>Marketing authorisation procedure</b>	EMEA/H/C/6524
<b>Brief description of the product</b>	<p><u>Chemical class:</u></p> <p>Macitentan is a member of the class of sulfamides in which the two amino groups of sulfonamide are substituted by 5-(4-bromophenyl)-6-{2-[(5-bromopyrimidin-2-yl)oxy]ethoxy}pyrimidin-4-yl and propyl groups.</p> <p><b>Summary of mode of action:</b></p> <p>Endothelin (ET)-1 and its receptors (ET<sub>A</sub> and ET<sub>B</sub>) mediate a variety of effects such as vasoconstriction, fibrosis, proliferation, hypertrophy, and inflammation. Macitentan is an orally active potent endothelin receptor antagonist, active on both ET<sub>A</sub> and ET<sub>B</sub> receptors and approximately 100-fold more selective for ET<sub>A</sub> as compared to ET<sub>B</sub> in vitro. Macitentan displays high affinity and sustained occupancy of the ET receptors in human pulmonary arterial smooth muscle cells. This prevents endothelin-mediated activation</p>

	<p>of second messenger systems that result in vasoconstriction and smooth muscle cell proliferation.</p>
	<p><b><u>Important information about its composition:</u></b></p> <p><b><u>Macitentan Accord 10 mg film-coated tablets</u></b></p> <p>Each film-coated tablet contains 10 mg macitentan</p> <p><u>Excipients with known effect:</u></p> <p>Each film-coated tablet contains approximately 38 mg of lactose monohydrate and approximately 0.06 mg of lecithin [Soya] (E322).</p>
<b>Hyperlink to the Product Information</b>	Refer to <a href="#">Module 1.3.1</a> for Product Information
<b>Indication(s) in the EEA</b>	<p><i>Current:</i></p> <p><u>Adults</u></p> <p>Macitentan Accord as monotherapy is indicated for the long-term treatment of pulmonary arterial hypertension (PAH) in adult patients of WHO Functional Class (FC) II to III.</p> <p><u>Paediatric population</u></p> <p>Macitentan Accord as monotherapy is indicated for the long-term treatment of pulmonary arterial hypertension (PAH) in paediatric patients aged less than 18 years and bodyweight <math>\geq 40</math> kg with WHO Functional Class (FC) II to III.</p>
<b>Dosage in the EEA</b>	<p><i>Current:</i></p> <p><b><u>Posology:</u></b></p> <p>Adults and paediatric patients aged less than 18 years of age weighing at least 40 kg.</p>

	<p>The recommended dose of Macitentan is 10 mg once daily. Macitentan Accord should be taken every day at about the same time.</p> <p>If the patient misses a dose of Macitentan Accord, the patient should be told to take it as soon as possible and then take the next dose at the regularly scheduled time. The patient should be told not to take two doses at the same time if a dose has been missed.</p> <p>The 10 mg film-coated tablets are only recommended in paediatric patients weighing at least 40 kg.</p> <p><b><u>Method of administration:</u></b></p> <p>Macitentan should be administered orally, to be swallowed whole, with water.</p>
<b>Pharmaceutical form(s) and strengths</b>	<p><i>Current:</i></p> <p>Pharmaceutical form(s): Film coated tablets</p> <p>Strength: 10 mg</p>
<b>Is the product subject to additional monitoring in the EU?</b>	No

**Part II: Safety specification****Module SI - Epidemiology of the indication(s) and target population(s)**

Not applicable

**Module SII - Non-clinical part of the safety specification**

Not applicable

**Module SIII - Clinical trial exposure**

Not applicable

**Module SIV - Populations not studied in clinical trials****SIV.1 Exclusion criteria in pivotal clinical studies within the development programme**

Not applicable

**SIV.2 Limitations to detect adverse reactions in clinical trial development programmes**

Not applicable

**SIV.3 Limitations in respect to populations typically under-represented in clinical trial development programmes**

Not applicable

**Module SV - Post-authorisation experience****SV.1 Post-authorisation exposure**

Not applicable

**Module SVI - Additional EU requirements for the safety specification****Potential for misuse for illegal purposes**

Not applicable - there is no potential for misuse for illegal purposes.

**Module SVII - Identified and potential risks**

The safety concerns for this Risk Management Plan (RMP) have been updated as per CHMP day 120 list of questions for Macitentan Accord (EMEA/H/C/6523) dated 19-Sep-2024.

Hence, this section remains “Not applicable”.

**SVII.1 Identification of safety concerns in the initial RMP submission****SVII.1.1. Risks not considered important for inclusion in the list of safety concerns in the RMP**

Not applicable

**SVII.1.2. Risks considered important for inclusion in the list of safety concerns in the RMP**

Not applicable

**SVII.2 New safety concerns and reclassification with a submission of an updated RMP**

Not applicable

**SVII.3 Details of important identified risks, important potential risks, and missing information****SVII.3.1. Presentation of important identified risks and important potential risks**

Not applicable

**SVII.3.2        Presentation of the missing information**

Not Applicable

**Module SVIII - Summary of the safety concerns****Table 2: Summary of safety concerns**

Important identified risks	<ul style="list-style-type: none"><li>• Hepatotoxicity</li><li>• Teratogenicity</li></ul>
Important potential risks	<ul style="list-style-type: none"><li>• None</li></ul>
Missing information	<ul style="list-style-type: none"><li>• None</li></ul>

**Part III: Pharmacovigilance Plan (including post-authorisation safety studies)****III.1 Routine pharmacovigilance activities**

Routine pharmacovigilance activities including collection and reporting of adverse reactions and signal detection as stated in pharmacovigilance system master file are sufficient for the mentioned safety concerns:

**Routine pharmacovigilance activities beyond adverse reactions reporting and signal detection:**

Specific adverse reaction follow-up questionnaires for following risks concerning use of Macitentan:

Safety Concerns	Purpose
Teratogenicity	<p>Each pregnancy shall be followed up to final outcome and pregnancy information (including maternal and baby information) shall be collected using a Macitentan Pregnancy and Outcome Follow-Up Questionnaire.</p> <p>Closely monitor compliance with the labelling pregnancy contraindication and further characterise the risk if reported.</p>

Targeted follow-up questionnaires and data collection forms are appended in [Annex 4](#) of this RMP.

**III.2 Additional pharmacovigilance activities**

None proposed

**III.3 Summary Table of additional Pharmacovigilance activities**

Not applicable

**Part IV: Plans for post-authorisation efficacy studies**

Not applicable

## Part V: Risk minimisation measures (including evaluation of the effectiveness of risk minimisation activities)

### V.1. Routine Risk Minimisation Measures

**Table 3: Description of routine risk minimisation measures by safety concern**

Safety concern	Routine risk minimisation activities
<b>Important Identified Risks</b>	
Hepatotoxicity	<p><u>Routine risk communication:</u></p> <ul style="list-style-type: none"> <li>SmPC sections: 4.3, 4.4, 4.8</li> <li>PIL sections: 2 and 4</li> </ul> <p><u>Routine risk minimisation activities recommending specific clinical measures to address the risk:</u></p> <ul style="list-style-type: none"> <li>Patients should be monitored for signs of hepatic injury and monthly monitoring of alanine aminotransferases (ALT) and aspartate aminotransferases (AST) is recommended. If sustained, unexplained, clinically relevant aminotransferase elevations occur, or if elevations are accompanied by an increase in bilirubin <math>&gt; 2 \times</math> normal upper limit of normal (ULN), or by clinical symptoms of liver injury (e.g., jaundice), macitentan treatment should be discontinued, details are included in SmPC section 4.4.</li> <li>Reinitiation of macitentan may be considered following the return of hepatic enzyme levels to within the normal range in patients who have not experienced clinical symptoms of liver injury. The advice of a hepatologist is recommended, details are included in SmPC section 4.4.</li> </ul>

Safety concern	Routine risk minimisation activities
	<p><u>Other routine risk minimisation measures beyond the Product Information:</u></p> <ul style="list-style-type: none"> <li>• The prescription only status of the product.</li> </ul>
Teratogenicity	<p><u>Routine risk communication:</u></p> <ul style="list-style-type: none"> <li>• SmPC Sections: 4.3, 4.4, 4.6</li> <li>• PIL Section: 2</li> </ul> <p><u>Routine risk minimisation activities recommending specific clinical measures to address the risk:</u></p> <ul style="list-style-type: none"> <li>• Macitentan treatment should only be initiated in women of childbearing potential when the absence of pregnancy has been verified, appropriate advice on contraception provided, and reliable contraception is practiced. Women should not become pregnant for 1 month after discontinuation of macitentan. Monthly pregnancy tests during treatment with macitentan are recommended to allow the early detection of pregnancy, is included in SmPC sections 4.4 and 4.6.</li> </ul> <p><u>Other routine risk minimisation measures beyond the Product Information:</u></p> <ul style="list-style-type: none"> <li>• The prescription only status of the product.</li> </ul>

**V.2. Additional Risk Minimisation Measures**

Additional Risk Minimisation Measures have been proposed for following risks as per the reference medicinal product.

- Hepatotoxicity
- Teratogenicity

Proposed additional risk minimisation measures are listed below and are detailed summarised in [Annex 6](#).

**Educational tools (patient card)****Objectives:**

- To educate patients about the risks associated with macitentan, with an emphasis on teratogenicity and hepatotoxicity.
- To inform patients where to obtain more information about their treatment.
- To educate patients on the need to report immediately to their prescribing physician any pregnancy that may occur, as well as symptoms and signs of any potential ADR.

**Rationale for the additional risk minimisation activity:**

These efforts reinforce patient knowledge regarding the safe minimisation activity: use of macitentan, thereby mitigating the risks associated with macitentan treatment.

**Target audience and planned distribution path:**

The patient card is provided as part of the product packaging.

**Plans to evaluate the effectiveness of the interventions and criteria for success:**

- Routine pharmacovigilance activities involving analysis of ADR reports to assess compliance with SmPC recommendations will allow assessing and judging the success of the risk minimisation measures. Effectiveness of this measure will be analysed by MAH as per the requirements for submission of periodic safety update reports (PSUR) for this medicinal product are set out in the list of European Union Reference Dates (EURD list) provided as per

Article 107c (7) of Directive 2001/83/EC and any subsequent updates published on the European Medicines Agency's web-portal and also will be evaluated in details in periodic signal management activity.

### V.3 Summary of risk minimisation measures

**Table 4: Summary table of pharmacovigilance activities and risk minimisation activities by safety concern**

Safety concern	Risk minimisation measures	Pharmacovigilance activities
<b>Important Identified Risks</b>		
Hepatotoxicity	<p><u>Routine risk minimisation measures:</u></p> <ul style="list-style-type: none"> <li>SmPC sections: 4.3, 4.4 and 4.8</li> <li>PIL sections: 2 and 4</li> <li>Patients should be monitored for signs of hepatic injury and monthly monitoring of alanine aminotransferases (ALT) and aspartate aminotransferases (AST) is recommended. If sustained, unexplained, clinically relevant aminotransferase elevations occur, or if elevations are accompanied by an increase in bilirubin <math>&gt; 2 \times</math> normal upper limit of normal (ULN), or by clinical symptoms of liver injury (e.g., jaundice), macitentan treatment should be discontinued, details are included SmPC section 4.4.</li> <li>Reinitiation of macitentan may be considered following the return of hepatic enzyme levels to within the normal</li> </ul>	<p><u>Routine pharmacovigilance activities beyond adverse reactions reporting and signal detection:</u></p> <p>None</p> <p><u>Additional pharmacovigilance activities:</u></p> <p>None</p>

Safety concern	Risk minimisation measures	Pharmacovigilance activities
	<p>range in patients who have not experienced clinical symptoms of liver injury, details are included SmPC section 4.4.</p> <ul style="list-style-type: none"> <li>The prescription only status of the product</li> </ul> <p><u>Additional risk minimisation measures:</u></p> <ul style="list-style-type: none"> <li>Risk minimisation tools (patient card)</li> </ul>	
Teratogenicity	<p><u>Routine risk minimisation measures:</u></p> <ul style="list-style-type: none"> <li>SmPC sections: 4.3, 4.4, 4.6</li> <li>PIL sections: 2</li> <li>Macitentan treatment should only be initiated in women of childbearing potential when the absence of pregnancy has been verified, appropriate advice on contraception provided, and reliable contraception is practised. Women should not become pregnant for 1 month after discontinuation of macitentan. Monthly pregnancy tests during treatment with macitentan are recommended to allow the early detection of</li> </ul>	<p><u>Routine pharmacovigilance activities beyond adverse reactions reporting and signal detection:</u></p> <p>Macitentan Pregnancy and Outcome Follow-Up Questionnaire</p> <p><u>Additional pharmacovigilance activities:</u></p> <p>None</p>

Safety concern	Risk minimisation measures	Pharmacovigilance activities
	<p>pregnancy is included in SmPC sections 4.4 and 4.6.</p> <ul style="list-style-type: none"><li>• The prescription only status of the product.</li></ul> <p><u>Additional risk minimisation measures:</u></p> <ul style="list-style-type: none"><li>• Risk minimisation tools (patient card)</li></ul>	

## **Part VI: Summary of the risk management plan**

### **Summary of risk management plan for Macitentan Accord 10 mg film-coated tablets (Macitentan)**

This is a summary of the risk management plan (RMP) for Macitentan Accord 10 mg film-coated tablets (hereinafter referred to as Macitentan Accord). The RMP details important risks of Macitentan Accord, how these risks can be minimised, and how more information will be obtained for Macitentan Accord's risks and uncertainties (missing information).

Macitentan Accord's summary of product characteristics (SmPC) and its package leaflet give essential information to healthcare professionals and patients on how Macitentan Accord should be used.

This summary of the RMP for Macitentan Accord should be read in the context of all this information including the assessment report of the evaluation and its plain-language summary, all which is part of the European Public Assessment Report (EPAR).

Important new concerns or changes to the current ones will be included in the updates of Macitentan Accord's RMP.

## **I. The medicine and what it is used for**

### Adults

Macitentan Accord as monotherapy is indicated for the long-term treatment of pulmonary arterial hypertension (PAH) in adult patients of WHO Functional Class (FC) II to III.

### Paediatric population

Macitentan Accord as monotherapy is indicated for the long-term treatment of pulmonary arterial hypertension (PAH) in paediatric patients aged less than 18 years and bodyweight  $\geq 40$  kg with WHO Functional Class (FC) II to III.

It contains macitentan as the active substance and it is given by oral route.

Further information about the evaluation of Macitentan Accord's' benefits can be found in the Macitentan Accord's EPAR, including in its plain-language summary, available on the EMA website, under the medicine's webpage: [\*\*<link to the EPAR summary landing page>\*\*](#).

## II. Risks associated with the medicine and activities to minimise or further characterise the risks

Important risks of Macitentan Accord, together with measures to minimise such risks and the proposed studies for learning more about Macitentan's risks, are outlined below.

Measures to minimise the risks identified for medicinal products can be:

- Specific information, such as warnings, precautions, and advice on correct use, in the package leaflet and SmPC addressed to patients and healthcare professionals;
- Important advice on the medicine's packaging;
- The authorised pack size — the amount of medicine in a pack is chosen so to ensure that the medicine is used correctly;
- The medicine's legal status — the way a medicine is supplied to the patient (e.g., with or without prescription) can help to minimise its risks.

Together, these measures constitute routine *risk minimisation measures*.

In the case of Macitentan Accord, these measures are supplemented with *additional risk minimisation measures* mentioned under relevant important risks, below.

In addition to these measures, information about adverse reactions is collected continuously and regularly analysed, so that immediate action can be taken as necessary. These measures constitute *routine pharmacovigilance activities*.

### II.A List of important risks and missing information

Important risks of Macitentan Accord are risks that need special risk management activities to further investigate or minimise the risk, so that the medicinal product can be safely taken. Important risks can be regarded as identified or potential. Identified risks are concerns for which there is sufficient proof of a link with the use of Macitentan Accord. Potential risks are concerns for which an association with the use of this medicine is possible based on available data, but this association has not been established yet and needs further evaluation. Missing information refers to information on the safety of the medicinal product that is currently missing and needs to be collected (e.g., on the long-term use of the medicine):

#### List of important risks and missing information

Important identified risks	<ul style="list-style-type: none"> <li>• Hepatotoxicity</li> <li>• Teratogenicity</li> </ul>
Important potential risks	<ul style="list-style-type: none"> <li>• None</li> </ul>
Missing information	<ul style="list-style-type: none"> <li>• None</li> </ul>

## II.B Summary of important risks

<b>Important Identified Risks: Hepatotoxicity</b>	
Risk minimisation measures	<p><u>Routine risk minimisation measures:</u></p> <ul style="list-style-type: none"> <li>• SmPC sections: 4.3, 4.4 and 4.8</li> <li>• PIL sections: 2 and 4</li> <li>• Patients should be monitored for signs of hepatic injury and monthly monitoring of alanine aminotransferases (ALT) and aspartate aminotransferases (AST) is recommended. If sustained, unexplained, clinically relevant aminotransferase elevations occur, or if elevations are accompanied by an increase in bilirubin <math>&gt; 2 \times</math> normal upper limit of normal (ULN), or by clinical symptoms of liver injury (e.g., jaundice), macitentan treatment should be discontinued, details are included in SmPC Section 4.4.</li> <li>• Reinitiation of macitentan may be considered following the return of hepatic enzyme levels to within the normal range in patients who have not experienced clinical symptoms of liver injury. The advice of a hepatologist is recommended, details are included in SmPC Section 4.4.</li> <li>• The prescription only status of the product</li> </ul> <p><u>Additional risk minimisation measures:</u></p> <ul style="list-style-type: none"> <li>• Risk minimisation tools (patient card)</li> </ul>

<b>Important Identified Risk: Teratogenicity</b>	
Risk minimisation measures	<p><u>Routine risk minimisation measures:</u></p> <ul style="list-style-type: none"><li>• SmPC Sections: 4.3, 4.4 and 4.6</li><li>• PIL Section: 2</li><li>• Macitentan treatment should only be initiated in women of childbearing potential when the absence of pregnancy has been verified, appropriate advice on contraception provided, and reliable contraception is practised. Women should not become pregnant for 1 month after discontinuation of macitentan. Monthly pregnancy tests during treatment with macitentan are recommended to allow the early detection of pregnancy, is included in SmPC section 4.4 and 4.6.</li><li>• The prescription only status of the product.</li></ul> <p><u>Additional risk minimisation measures:</u></p> <ul style="list-style-type: none"><li>• Risk minimisation tools (patient card)</li></ul>

## II.C Post-authorisation development plan

### II.C.1 Studies which are conditions of the marketing authorisation

There are no studies which are conditions of the marketing authorisation or specific obligation of Macitentan.

### II.C.2 Other studies in post-authorisation development plan

There are no studies required for Macitentan.

**Annex 4 - Specific adverse drug reaction follow-up forms**

MAH has developed following targeted follow-up questionnaires for following risks;

- Macitentan Pregnancy and Outcome Follow-Up Questionnaire

<b>Macitentan Pregnancy and Outcome Follow-up Questionnaire</b>
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**INSTRUCTIONS:**

If you are receiving this form and the mother is currently pregnant, please complete Part I. This form will be sent again post- delivery date to obtain pregnancy outcome (Part II). If further additional space is needed, attach a blank continuation page, and enter the information on the continuation page. If a continuation page is needed ensure the local reference number is entered at the top of the continuation page.

If you are receiving this form and the mother has delivered the baby or is no longer pregnant (e.g., spontaneous abortion, elective abortion, etc.), please complete Part II. Please also provide Part I details if not previously completed.

**Part I:**

<b>A. MATERNAL INFORMATION</b>					
<p>Initials:</p> <p>Date of birth (dd/mmm/yyyy):</p> <p>Age at time of exposure:</p> <p>or Age Group: <input type="checkbox"/> &lt;14 years <input type="checkbox"/> 14 years - 18 years <input type="checkbox"/> 19 years+</p> <p>Weight: <input type="checkbox"/> KG <input type="checkbox"/> Lbs Height: <input type="checkbox"/> Cm <input type="checkbox"/> Inches</p>					
<p>Methods of Contraception: Please provide Serial/Model # and expiration date if applicable.</p> <p>1.</p> <p>2.</p>					
<p>Were there any relevant maternal risk factors in the home/work environment (such as chemical exposure, x-rays, history of miscarriages, etc.)?</p>	<p>No <input type="checkbox"/></p>	<p>Yes <input type="checkbox"/></p>	<p>If yes, describe:</p>		

<b>B. PRESENT PREGNANCY</b>					
<p>1. Date of mother's last menstrual period (dd/mmm/yyyy):</p> <p>2. Pregnancy confirmed on (dd/mmm/yyyy): <input type="checkbox"/> Beta Hcg <input type="checkbox"/> Urine Test</p> <p>3. Was the pregnancy test negative at the time of starting Macitentan? <input type="checkbox"/> No <input type="checkbox"/> Yes</p> <p>4. Date of mother's first prenatal exam (dd/mmm/yyyy):</p> <p>5. Expected date of delivery (dd/mmm/yyyy):</p>					
<p>6. Is the mother experiencing any medical disorder/problems during this pregnancy?</p>	<p>No <input type="checkbox"/></p>	<p>Yes <input type="checkbox"/></p>	<p>If yes, describe:</p>		

<p>7. Is the mother continuing with Macitentan? <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Unknown</p> <p>Was the product taken correctly at the time of gestation? <input type="checkbox"/> No <input type="checkbox"/> Yes If No, explain:</p>																																																																																																																																																												
<p>8. Tick the explanation(s) for why the patient became pregnant during the use of Macitentan:</p> <p><input type="checkbox"/> Patient wished to become pregnant <input type="checkbox"/> Failure of contraceptive method(s)</p> <p><input type="checkbox"/> Patient unwilling to use adequate contraceptive methods <input type="checkbox"/> Unknown</p> <p><input type="checkbox"/> Risk of pregnancy may not have been fully understood</p> <p><input type="checkbox"/> Other (Specify):</p>																																																																																																																																																												
<p>9. List all medications mother used since date of last menstrual period</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th rowspan="2">Medication (preferably generic name)</th> <th rowspan="2">Route</th> <th rowspan="2">Formulation</th> <th colspan="3">Dosing regimen</th> <th rowspan="2">Start date (dd/mmm/yyyy)</th> <th rowspan="2">End Date (dd/mmm/yyyy) or Ongoing</th> <th rowspan="2">Exposure time in gestational weeks</th> <th rowspan="2">Indication</th> </tr> <tr> <th>Amount</th> <th>Unit</th> <th>Freq.</th> </tr> </thead> <tbody> <tr> <td>Macitentan:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="6"><b>Lot #:</b> <b>Exp. Date(dd/mmm/yyyy):</b></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Other Medications:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> </tr> <tr> <td></td> </tr> <tr> <td></td> </tr> <tr> <td></td> </tr> <tr> <td></td> </tr> <tr> <td colspan="3">10. Was an ultrasound performed?</td> <td colspan="6">If yes, provide date and results of each ultrasound: (dd/mm/yyyy)</td> </tr> <tr> <td colspan="3"><input type="checkbox"/> No <input type="checkbox"/> Yes</td> <td colspan="6"></td> </tr> <tr> <td colspan="3">11. Were any other investigations /diagnostics performed, such as amniocentesis, blood test, urine test, etc.?</td> <td colspan="6">If yes, provide date test performed and results of each test. Date (dd/mmm/yyyy): Result:</td> </tr> <tr> <td colspan="3"><input type="checkbox"/> No <input type="checkbox"/> Yes</td> <td colspan="6"></td> </tr> <tr> <td colspan="3">12. What is the clinical condition of the foetus(es)?</td> <td>Unknown <input type="checkbox"/></td> <td>Normal <input type="checkbox"/></td> <td>Abnormal <input type="checkbox"/></td> <td colspan="4">If abnormal, describe:</td> </tr> <tr> <td colspan="9"> <p>13. What is the status of the current pregnancy?</p> <p><input type="checkbox"/> Continuing</p> <p><input type="checkbox"/> Spontaneous abortion Date of abortion (dd/mmm/yyyy): ____/____/____</p> <p><input type="checkbox"/> Elective abortion Date of procedure (dd/mmm/yyyy): ____/____/____</p> </td> </tr> </tbody> </table>									Medication (preferably generic name)	Route	Formulation	Dosing regimen			Start date (dd/mmm/yyyy)	End Date (dd/mmm/yyyy) or Ongoing	Exposure time in gestational weeks	Indication	Amount	Unit	Freq.	Macitentan:										<b>Lot #:</b> <b>Exp. Date(dd/mmm/yyyy):</b>										Other Medications:																																																												10. Was an ultrasound performed?			If yes, provide date and results of each ultrasound: (dd/mm/yyyy)						<input type="checkbox"/> No <input type="checkbox"/> Yes									11. Were any other investigations /diagnostics performed, such as amniocentesis, blood test, urine test, etc.?			If yes, provide date test performed and results of each test. Date (dd/mmm/yyyy): Result:						<input type="checkbox"/> No <input type="checkbox"/> Yes									12. What is the clinical condition of the foetus(es)?			Unknown <input type="checkbox"/>	Normal <input type="checkbox"/>	Abnormal <input type="checkbox"/>	If abnormal, describe:				<p>13. What is the status of the current pregnancy?</p> <p><input type="checkbox"/> Continuing</p> <p><input type="checkbox"/> Spontaneous abortion Date of abortion (dd/mmm/yyyy): ____/____/____</p> <p><input type="checkbox"/> Elective abortion Date of procedure (dd/mmm/yyyy): ____/____/____</p>								
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<b>C. MATERNAL HISTORY</b>			
1. Describe pertinent medical/obstetrical history (including but not limited to endocrine disorders, medical disorders or recent infections requiring treatment, infertility or use of fertility methods):			
<b>2. Substance History</b>	<b>No</b>	<b>Yes</b>	<b>Select all that apply:</b>
Alcohol	<input type="checkbox"/>	<input type="checkbox"/>	Drinks per day:
Tobacco	<input type="checkbox"/>	<input type="checkbox"/>	Cigarettes per day
Recreational drugs	<input type="checkbox"/>	<input type="checkbox"/>	Type of drug(s) and frequency:
3. Is there any <b>family history</b> of congenital anomalies, significant obstetrical outcomes or hereditary disorders?	No <input type="checkbox"/>	Yes <input type="checkbox"/>	If yes, describe:

<b>D. PREVIOUS PREGNANCIES</b>			
Has mother been pregnant before? No <input type="checkbox"/> Yes <input type="checkbox"/>	Gravida (include present pregnancy):	Para:	Abortions: Induced: Spontaneous: Gestational age: _____ weeks _____ days
	# Of normal outcomes:	# Of abnormal outcomes:	# Of unknown outcomes:
Describe any abnormal outcomes (include spontaneous abortion, ectopics, congenital anomalies, hereditary disorders, stillbirths or intrauterine death, etc.):			
In case of a previous abnormal pregnancy outcome, list all known medications used during the pregnancy:			

<b>E. PATERNAL HISTORY</b>			
<b>Substance History</b>	<b>No</b>	<b>Yes</b>	<b>Select all that apply:</b>
Alcohol	<input type="checkbox"/>	<input type="checkbox"/>	Drinks per day:
Tobacco	<input type="checkbox"/>	<input type="checkbox"/>	Cigarettes per day:
Recreational drugs	<input type="checkbox"/>	<input type="checkbox"/>	Type of drug(s) and frequency:
Was Macitentan used by father?	No <input type="checkbox"/>	Yes <input type="checkbox"/>	

**Health Care Professional Information:**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Signature

Phone number: \_\_\_\_\_

Fax number: \_\_\_\_\_

Date (dd/mmm/yyyy):

**Person Completing Report:**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Signature

Phone number: \_\_\_\_\_

Fax number: \_\_\_\_\_

Date (dd/mmm/yyyy):

**Part II:**

<b>A. COURSE AND OUTCOME OF PREGNANCY</b>									
1. Did the mother experience any medical problems during the pregnancy?	No <input type="checkbox"/>	Yes <input type="checkbox"/>	If yes, describe:						
<p>Complete the below question if there were changes since completion of corresponding section in Part I.</p> <p><input type="checkbox"/> No Changes</p>									
<p>2. List all medications the mother has used since last menses, until day of delivery. (include all products, prescription, over-the-counter, vitamins and herbal preparation but elude medication used during labor and delivery)</p>									
Medication (preferably generic name)	Route	Formulation	Dosing regimen			Start date (dd/mmm/yyyy)	End date (dd/mmm/yyyy) or ongoing	Exposure time in gestational weeks	Indication
			Amount	Unit	Frequency				
Macitentan:									
<p><b>Lot #:</b>  <b>Exp. Date(dd/mmm/yyyy):</b></p>									
<p><b>Other Medications:</b></p>									
<p>3. Did the mother receive any medication during labour and delivery? (Include anaesthesia, analgesia, labour induction meds.)</p>									
Medication (preferably generic name)	Route	Formulation	Dosing regimen			Start date (dd/mmm/yyyy)	End date (dd/mmm/yyyy) or ongoing	Indication	
			Amt	Unit	Freq				

4. Specify the outcome of pregnancy and complete the rest of the form as applicable:			
a) Interrupted pregnancy No <input type="checkbox"/> Yes <input checked="" type="checkbox"/>	<input type="checkbox"/> Spontaneous Abortion	(dd/mmm/yyyy)	
	<input type="checkbox"/> Elective Abortion	(dd/mmm/yyyy)	
	<input type="checkbox"/> Intrauterine Death (≥20 Gestational Weeks)	Interruption date (dd/mmm/yyyy): Gestational age: _____ Weeks _____ Days	
Specify suspected cause for intrauterine death or spontaneous abortion (autopsy report if done)			
Describe the developmental status of the fetus include anomalies)			
b) Uninterrupted pregnancy:	Delivery date (dd/mm/yyyy)		
	Gestational age:	Weeks	Days
What was the method of delivery?	<input type="checkbox"/> Spontaneous <input type="checkbox"/> Forceps <input type="checkbox"/> Vacuum Extraction <input type="checkbox"/> Caesarean Section <input type="checkbox"/> Other, specify:		

<b>B. CHARACTERISTICS OF THE BABY</b>			
1 General appearance: <input type="checkbox"/> Mature <input type="checkbox"/> Premature <input type="checkbox"/> Postmature			
2. Sex: <input type="checkbox"/> Male <input type="checkbox"/> Female      Weight: _____ lbs/kg _____ oz/g      Length: _____ in/cm Head circumference: _____ cm			
Apgar score:      1min: _____      5min: _____      10min: _____			
3. Clinical condition of the baby:			
<input type="checkbox"/> Normal Newborn <input type="checkbox"/> Congenital anomaly* <input type="checkbox"/> Neonatal problem* <input type="checkbox"/> Neonatal death* <input type="checkbox"/> Stillbirth*      Date of death (dd/mm/yyyy):			
	*Describe the details and the probable cause for the abnormal outcome:		

	No	Yes	
4. Was the baby's hospitalisation prolonged?	<input type="checkbox"/>	<input type="checkbox"/>	If yes, describe:
5. Did the baby receive any medical therapy different from normal newborn care?	<input type="checkbox"/>	<input type="checkbox"/>	If yes, describe:
6. Is the baby being breastfed?	<input type="checkbox"/>	<input type="checkbox"/>	
7. Was any relationship suspected between the abnormal pregnancy outcome and the use of the macitentan?			<input type="checkbox"/> Not related <input type="checkbox"/> Related
8. Was any relationship suspected between the abnormal pregnancy outcome and the use of concomitant medications? <input type="checkbox"/> No <input type="checkbox"/> Yes (if yes, describe)			Describe:

**Annex 6 - Details of proposed additional risk minimisation activities**

Prior to the launch of Macitentan Accord in each Member State the Marketing Authorisation Holder (MAH) must agree about the content and format of the educational material with the National Competent Authority.

The MAH shall ensure that in each Member State where Macitentan Accord is marketed, all patients who are expected to use Macitentan Accord are provided with the following educational material:

- Patient Card

**Patient card:**

The patient card includes the following key elements:

- That Macitentan is teratogenic in animals;
- That pregnant women must not take Macitentan Accord;
- That women of childbearing potential must use reliable contraception;
- The need for monthly pregnancy tests;
- The need for regular monitoring of liver function because Macitentan has hepatotoxic potential.