



London, 26 June 2008  
Doc. Ref.: EMEA/185036/2008

**EMEA/CHMP WORKING GROUP WITH  
HEALTHCARE PROFESSIONALS' ORGANISATIONS  
(HCP WG)**

**DRAFT**

**RECOMMENDATIONS AND PROPOSALS FOR ACTION**

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| <b>DRAFT AGREED BY HCP WG</b>                                                                                                                                                                                           | June 2008         |
| <b>ADOPTION BY CHMP FOR RELEASE FOR CONSULTATION</b>                                                                                                                                                                    | 26 June 2008      |
| <b>END OF CONSULTATION (DEADLINE FOR COMMENTS)</b>                                                                                                                                                                      | 30 September 2008 |
| Comments should be provided using this <a href="#">template</a> to the HCP WG secretariat ( <a href="mailto:healthcare.professionals@emea.europa.eu">healthcare.professionals@emea.europa.eu</a> ) Fax +44 20 7523 7129 |                   |

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|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>KEYWORDS</b> | <i>Recommendations, EMEA stakeholders, Healthcare professionals, Information on medicines, Pharmacovigilance, Involvement in EMEA activities</i> |
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# **EMA/CHMP Working Group with Healthcare Professionals' Organisations (HCP WG)**

**DRAFT**

## **Recommendations & Proposals for Action**

### **Executive Summary**

The EMA/CHMP Working Group with Healthcare Professionals' Organisations (HCP WG) was created following the workshop between the EMA and a broad range of European healthcare professionals' organisations held on 28 March 2006.

The HCP WG held its first meeting on 17 November 2006 and has developed recommendations for the following priority areas, which have been identified based on the outcome of the above mentioned workshop:

- Information on medicines: The group has looked at how to better inform healthcare professionals about issues relating to the use of medicines, including how to improve the quality of the information provided.
- Pharmacovigilance: The group has discussed how to improve and strengthen the role of healthcare professionals in the European pharmacovigilance system.
- Involvement of healthcare professionals' organisations in the work of the EMA's scientific committees: The group has discussed on areas where involvement from healthcare professionals' organisations would ultimately strengthen the outcome of the committees' work.

The CHMP has agreed on a 3-month public consultation at the Committee's meeting in June 2008.

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## Introduction

A workshop with participation from a broad range of European healthcare professionals' organisations was held at the European Medicines Agency (EMA) on 28 March 2006. The report can be found [here](#).

It was agreed that a dedicated forum of representatives from selected organisations should be established with a view to discuss issues of common interest as well as to further strengthen and structure the interaction with healthcare professionals. A strengthened interaction between the EMA and healthcare professionals' organisations is a requirement laid down in the EU pharmaceutical legislation<sup>1</sup>, and is also in line with the Agency's long term strategy<sup>2</sup>.

For this purpose, a Working Group with Healthcare Professionals' Organisations (HCP WG) was established under the remit of the Committee for Medicinal Products for Human Use (CHMP). The group is composed of organisations representing doctors, nurses and pharmacists, and members include both general organisations and organisations with focus on specialised therapeutic areas.

The group acknowledges the EMA's mission statement, which is to evaluate and supervise medicines to the benefit of public health. The HCP WG therefore aims to improve the safe and effective use of medicines by meeting the following objectives:

- Provide clear and useful information to healthcare professionals.
- Develop appropriate communication tools.
- Increase EMA awareness among healthcare professionals in relation to the safe and effective use of medicines.
- Develop appropriate contacts between the Agency and healthcare professionals' organisations.

The discussions held in the group have resulted in the three sets of recommendations that are annexed to this document.

The HCP WG was co-chaired by G. Nisticó (CHMP member for Italy) and N. Wathion (Head of the EMA's Unit for Post-Authorisation Evaluation of Medicines) until May 2007. Since then, N. Wathion has been Chairperson. The list of participants to the group is found in annex 1.

## Methodology

The group developed the three set of recommendations based on discussions held in the plenary sessions as well as in smaller drafting groups. The discussion sought to focus as much as possible on the organisations' expectations for the interaction with the EMA. In addition, each topic was assigned with a 'topic leader' from one of the organisations, with a

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<sup>1</sup> [Regulation \(EC\) No 726/2004](#) of European Parliament and of the Council provides responsibilities to the EMA, its Management Board and its various Scientific Committees to develop contacts with the Agency's stakeholders, including healthcare professionals.

<sup>2</sup> [EMA Road Map to 2010](#).

view to steer and to facilitate the drafting process. Members were encouraged to consult colleagues within their respective organisations on all draft versions of the recommendations.

The three sets of recommendations have a slightly different structure, reflecting the context in which they have been discussed and can be implemented.

The [recommendations for information on medicines](#) are structured in three sections:

- Recommendations which can be implemented within the current legal framework.
- Recommendations which can be implemented within the current legal framework, but requires a harmonised approach at EU level.
- Recommendations which would require the current legal framework to be amended.

The [recommendations for pharmacovigilance](#) have been prepared with the acknowledgement that the European Commission in December 2007 published a series of legislative proposals for the area of pharmacovigilance. These recommendations reflect issues that have been identified by the HCP WG for action within the context of the future legal framework in the area of pharmacovigilance.

The [recommendations for involvement of healthcare professionals' organisations in the work of the EMEA's scientific committees](#) are all eligible for implementation within the current legal framework.

The draft recommendations were finalised by the HCP WG during the second quarter of 2008, and forwarded to the CHMP for consideration.

This document will be subject to public consultation (estimated 3Q 2008) with a view to agree on a final version of the recommendations at the HCP WG meeting scheduled for 30 October 2008.

## **Next steps**

Following public consultation and once comments received have been considered, the HCP WG will revise the recommendations and the final version will be published on the EMEA's website.

Based on the final recommendations, the HCP WG will identify priority tasks for implementation. These will be included in the group's work programme according to the priority given.

Long term priorities will be implemented, taking into account future developments in the regulatory environment, such as the upcoming pharmacovigilance legislation and the Agency's long-term strategies in related areas.

## **The HCP WG's recommendations in context**

The role of healthcare professionals in healthcare systems, and their relation with patients, is continuously evolving. Patients are often well informed, and capable and willing to take an active role in disease management and treatment decision. This creates a change in the healthcare professional-patient relationship, towards the so-called "partnership in medicine taking". This partnership looks for a shared understanding between patients and prescriber

on treatment choices, where the healthcare professional still remains as the main reference and source of information to patients, and where the ultimate goal is to improve the safe and effective use of medicines, hence improving the quality of healthcare.

The EMEA interacts with healthcare professionals in various ways to achieve these improvements in the safe and effective use of medicines. Healthcare professionals take part in the evaluation of medicines as individual experts in the European regulatory network. In addition, healthcare professionals are represented in the EMEA Management Board, in the Paediatric Committee, and will also be represented in the Committee on Advanced Therapies once this has been established.

The HGP WG has representation from a broad range of European healthcare professionals' organisations, and seeks to cover different professions as well as the disease areas for which the EMEA receives most applications for marketing authorisation. The annexed recommendations from the HCP WG reflect the views of the organisations that participate in this group. In addition, other organisations with an interest in the topics addressed by the recommendations will have an opportunity to comment via a general public consultation.

It is important to clarify that the recommendations made by the HCP WG address only one aspect of information on medicines provided to healthcare professionals and patients. The purpose is not to preclude physicians and pharmacists from their professional duties or to interfere in the relationship between the patient and the healthcare professional.

The recommendations will be implemented in an environment that encompasses a number of related activities. The Commission's legal proposals in the area of pharmacovigilance have already been highlighted. Other initiatives that must be taken into account include the EMEA Road Map to 2010, the work undertaken by the EMEA in relation to information on medicines to patients and the Commission's recent proposal for legislative measures in this area. The Pharmaceutical Forum will also finalise its work in 2008, which can also be expected to impact on future discussions regarding information to patients.

Furthermore, the EMEA will in 2008, together with its partners in the European regulatory network, establish a network on medical information. The aim of this network is to ultimately provide high quality information on medicines to the healthcare professionals in the Member States in a timely manner and with increasing harmonisation between countries.

The HCP WG will follow these and other future developments closely, and take the appropriate measures in terms of coordination and transparency as to make best use of available resources and avoid duplication of initiatives.

## **Annex 1 – List of participants**

### HCP organisations

|                                                            |                                                                           |
|------------------------------------------------------------|---------------------------------------------------------------------------|
| Peter Milla                                                | CESP-EAP, European Academy of Paediatrics                                 |
| Mike Youle                                                 | EACS, European Aids Clinical Society                                      |
| Ingolf Cascorbi<br>Michael Orme                            | EACPT, European Association for Clinical<br>Pharmacology and Therapeutics |
| Ulf Smith<br>Clifford Bailey                               | EASD, European Association for the Study of Diabetes                      |
| Vagn Handlos                                               | EAHP, European Association of Hospital Pharmacists                        |
| Daniel Sereni                                              | EFIM, European Federation of Internal Medicine                            |
| Michael Barnes<br>Giandomenico Iannett<br>Giorgio Cruccu   | EFNS, European Federation of Neurological Societies                       |
| Paul de Raeve                                              | EFN, European Federation of Nurses Associations                           |
| Ferdinand Breedveld<br>Josef Smolen<br>Thea Vliet-Vlieland | EULAR, European League Against Rheumatism                                 |
| Paolo Casali<br>Pascale Blaes                              | ESMO, European Society for Medical Oncology                               |
| Nicolas Danchin<br>Sophie O'Kelly                          | ESC, European Society of Cardiology                                       |
| Denis O'Mahony                                             | EUGMS, European Union Geriatric Medicine Society                          |
| Eirik Bø Larsen<br>Carl-Eric Thors                         | UEMO, European Union Geriatric Medicine Society                           |
| Ivana Silva                                                | PGEU, Pharmaceutical Group of the European Union                          |
| Michael Wilks<br>Edwin Borman                              | CPME, Standing Committee of European Doctors                              |
| Pascal Rod                                                 | ESNO, European Specialists Nurses Organisations                           |

### Topic Leaders

|                                       |                     |
|---------------------------------------|---------------------|
| <i>Information on Medicines</i>       | Ivana Silva, PGEU   |
| <i>Pharmacovigilance activities</i>   | Michael Orme, EACPT |
| <i>Involvement in EMEA activities</i> | Mike Youle, EACS    |

### CHMP Scientific Committees and Experts

|                          |             |
|--------------------------|-------------|
| Jane Ahlqvist Rastad     | CHMP Member |
| Pirjo Laitinen-Parkkonen | CHMP Member |
| Patric Salmon            | CHMP Member |
| Giuseppe Nisticò         | CHMP Member |

### Observers

|                        |               |
|------------------------|---------------|
| Steffen Bager          | HMPC Member   |
| Truus Janse de-Hogg    | CMD(h) Member |
| Sandra Petraglia       | CMD(h) Member |
| François Houyez        | PCWP Member   |
| Hiltrun Sundseth       | PCWP Member   |
| W.H.J.M. Wim Wientjens | PCWP Member   |

### EMEA

|                         |                                                                       |
|-------------------------|-----------------------------------------------------------------------|
| Noël Wathion – Chairman | Head of Unit Post-Authorisation Evaluation of Medicines for Human Use |
| Isabelle Moulon         | Head of Medical Information Sector                                    |
| Juan García Burgos      | Scientific Administrator                                              |
| Anders Blaedel Lassen   | Scientific Administrator                                              |
| Laurent Brassart        | Scientific Administrator                                              |
| Jan Petracek            | Scientific Administrator                                              |
| Eberhard Blind          | Scientific Administrator                                              |
| Priya Bahri             | Scientific Administrator                                              |

## **Annex 2 – Draft recommendations: Information on medicines**

### **EMA/CHMP Working Group with Healthcare Professionals’ Organisations (HCP WG)**

#### **Recommendations: Information on medicines**

The EMA/CHMP Working Group with Healthcare Professionals’ Organisations (HCP WG) has agreed on a number of draft recommendations in the area of information on medicines.

This document concerns information on medicines provided by the EMA and EU National Competent Authorities. Regulatory statutory information consists in the so-called “Product Information” composed of the “Summary of Product Characteristics – SPC” (addressed to healthcare professionals), the “Labelling” and the “Package Leaflets – PL” (mainly addressed to patients). The EMA also publishes a European Public Assessment Report (EPAR) on medicines for which a marketing authorisation application has been assessed by the EMA. This is published independently of the outcome of the assessment and is publicly available at the EMA website. EPARs include a summary section in the form of a “Question and Answer” document, which is written in lay language. Finally, public statements are published in specific situations on a case-by-case basis, e.g. when safety announcements need to be communicated urgently.

Recommendations have been made in terms of type, structure and content of the above-mentioned documents as well as in terms of their dissemination. The recommendations have been classified according to the necessary prerequisites for their implementation.

As highlighted during the EMA meeting with its stakeholders on provision of information, held on 20 September 2007, particular attention should be given to the ethical dimension of transparency and provision of information on medicines.

This document does not address other sources of information available to healthcare professionals.

#### **Recommendations that can be implemented within the current legal framework**

##### **Recommendations that can be implemented as such by the EMA**

###### *Product information*

- a) The SPC is expected to be the reference document to inform health professionals on how to use a medicine safely and effectively, and healthcare professionals should therefore be consulted for preparation and revision of the SPC guideline<sup>3</sup>.

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<sup>3</sup> The SPC guideline is published on the European Commission’s website and can be found here: <http://ec.europa.eu/enterprise/pharmaceuticals/eudralex/vol-2/c/spcguidrev1-oct2005.pdf>

- b) The quality of the information provided in SPCs should be optimised. It is important to ensure that SPCs are comprehensive, clear and correspond to healthcare professionals' expectations. For example, clear recommendations should be given for monitoring (safety or efficacy) of the treatment when necessary. The information provided should allow the individual healthcare professional to tailor his/her prescription according to the specific need of the patient, particularly (but not only) in specific populations (e.g. children or elderly). Adverse reactions should be described in terms of frequency and seriousness. The information provided should always be based on validated, robust and clinically relevant data. Those data may be better described in the public version of the CHMP assessment report to which a cross-reference should be systematically included in the SPC. Over-information, which may result in an overall non-awareness, should be avoided. As a tool which provides information on a particular medicine, the SPC should be precise and avoid using general references to other medicines (e.g. statements such as "Like other medicines of the same class ...") except when it is an official class warning recommended following a class review.
- c) To help improve pharmacovigilance reporting, the SPC could include a statement reminding healthcare professionals to report adverse drug reactions.
- d) Other regulatory guidelines related to the product information should be flagged to healthcare professionals' organisations providing them with a possibility to submit comments and input during the preparatory phase.
- e) The possibility for healthcare professionals' organisations to provide input on product information should be investigated. For example, healthcare professionals' organisations could be consulted prior to the 5-year renewal of a marketing authorisation to provide feedback and summarise the practical experience gained in relation to the quality of the product information.
- f) The presentation of the labelling (i.e. how it looks like) can be a safety issue when using a medicine. It is therefore suggested to invite applicants to perform a user test on readability by healthcare professionals in stressful conditions of dispensation or administration (as a way of tackling the 'look alike' and 'sound alike' issues).
- g) Authorities, in consultation with healthcare professionals' and patients' and consumers' organisations, should provide further recommendations on the content of labelling and package leaflet. For example, guidance is necessary on the expression of strength to avoid medication error, and on the information intended for healthcare professionals to be included in the package leaflet (e.g. instructions for the use of medicines intended for use in a hospital setting). It is also of utmost importance to maintain strong links between the SPC, the labelling and the package leaflet to ensure consistency in the provision of information to patients and healthcare professionals.
- h) Healthcare professionals' considerations on the package leaflet should be addressed jointly with representatives of patients' organisations.
- i) The wording of the QRD template referring to the section intended "for medical or healthcare professionals" should be simplified to refer to "healthcare professionals" only.

#### *European Public Assessment Report – "EPAR"*

- j) Healthcare professionals should be consulted on the revision of the EPAR structure. The public assessment report (i.e. the part of the EPAR reflecting the CHMP's scientific discussion) should substantiate the information given in the SPC and provide clear and updated information.

- k) EPARs should provide a clear description of the benefit-risk of the product as well as an increased level of detail of the rationale for the outcome of the discussions and the recommendations given by the CXMP<sup>4</sup>. This would include information coming from the comparison with other medicines during the evaluation of its benefit-risk.
- l) EPARs should provide more information about the conditions of marketing authorisation and related risk management activities or specific obligations.

#### *Other EMEA documents*

- m) Multiplication of various documents addressed to healthcare professionals should be avoided. All information related to a given product should be standardised and provided through a limited number of document types, namely product information, public assessment reports and other specific document types (e.g. press releases) for any additional information. Information should be kept updated.
- n) Other EMEA documents (such as Summaries of Opinion, safety announcements, public statements, and CHMP press releases) would, from the healthcare professionals' point of view, benefit from the identification of possible areas for improvement in terms of structure and content.

#### *Dissemination of information*

- o) Knowledge of product information, EPARs and other EMEA documents should be promoted. Accessibility to product information on the EMEA website should be improved, in particular for safety announcements.
- p) The EMEA should provide relevant information and news to healthcare professionals on a regular basis through an appropriate information system (e.g. newsletter). Adequate ways of dissemination should be ensured.
- q) The EMEA website should be improved. It should provide all information related to a given product under the name of that product.
- r) The EU database on medicines (EudraPharm), currently under construction, is supported by healthcare professionals, and should become the reference source of information on medicines in Europe.
- s) The possibility of increasing general awareness of the EMEA and its activities at the level of healthcare professionals' organisations should be explored and discussed.

### **Recommendations requiring a harmonised approach at EU level before implementation**

#### *Product information*

- a) Electronic prescription tools are increasingly used. Product information should be made available electronically in a structure and format, which would allow compatibility with these new tools and enable its use by healthcare professionals. This should be considered when further developing the EudraPharm database. Ideally, the system would allow generating automatic warning in case of a particular safety issue.

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<sup>4</sup> CXMP refers here to the EMEA Scientific Committees for human medicines: CHMP, COMP, HMPC, PDCO.

- b) Interaction between medicines is an increasingly complex field. Numerous databases have been developed to address this issue on a national or therapeutic field basis. However, it would be valuable to investigate the possibility of establishing a European regulatory database on medicines interactions.

#### *Dissemination of information*

- a) It should be made clear that the SPC, the labelling and the package leaflet are statutory information to be used as validated reference. Dissemination and knowledge of product information should also be promoted through and by the EU regulatory system network. Patients' and healthcare professionals' organisations should be involved in the dissemination of EMEA information at national level.
- b) Healthcare professionals' organisations should help keep the individual healthcare professional's knowledge of statutory information on medicines up to date through their meetings and communication tools and promote it as part of continuing professional development.
- c) The possibility of using alternative tools to disseminate new and updated product information, e.g. periodic newsletters, should be investigated.

### **Recommendations requiring amendments to the current legal framework**

#### **Product information**

- a) It should be ensured that a given medicine has the same product information across the EU. This objective is already achieved for medicines authorised through the centralised procedure but not for all other medicines. In order to ensure the highest level of harmonisation, further efforts should involve healthcare professionals, pharmaceutical industry and regulatory authorities.
- b) To facilitate the daily use by healthcare professionals, information related to the different strengths or pharmaceutical forms of a product should be presented in a single combined SPC to avoid multiplicity of documents and dispersion of the information.
- c) The current SPC could be complemented with a summary providing key prescribing information for daily practice. The summary should include appropriate references to the complete SPC for detailed information. The summary could also include a section highlighting key information that the healthcare professional should convey to the patient when prescribing, dispensing or administering a medicine. This key information could also appear in the package leaflet. For this purpose, new sections addressed to healthcare professionals could be added in the package leaflet (e.g. "When prescribing, please note...", "When dispensing, please note..." and "When administering, please note..."). Such initiative on the package leaflet should be discussed jointly with representatives from patients' organisations. To gain experience prior to amending the current legal framework, the possibility of having such summaries and sections with key information provided by applicants on a voluntary basis should be investigated.
- d) Content and structure of the SPC could be also updated to take into account the need for compatibility with future information systems (e.g. electronic reporting systems, safety alert systems, electronic health records, e-prescribing, etc.).

- e) Based on the experience gained through voluntary user test of the labelling for dispensation and administration, it could be proposed to make this test a mandatory requirement for new labelling.
- f) The EU regulatory framework should use the word 'medicine' instead of 'products' or 'medicinal product' or 'drug'.

### **Dissemination of information**

- a) During their undergraduate education, healthcare professionals should be trained in statutory information on medicines. The training should explain the role of statutory information and the scientific and legal basis for its preparation. It should also inform on how to get access to official and updated information on medicines.
- b) An increase in transparency of information from the EudraVigilance and EudraCT databases should be explored. This should be put in perspective with the current trend of general increase in the level of public transparency at EU wide level.
- c) Healthcare professionals are concerned with the quality, comprehensiveness and independence of information provided on medicines through the internet. It would be valuable to promote EMEA as a source of validated and official information on medicines which can be easily located by users among other sources of information. In this respect, it would be valuable to facilitate healthcare professionals' access to internet across the EU.

## **Annex 3 – Draft recommendations: Pharmacovigilance**

### **EMA/CHMP Working Group with Healthcare Professionals' Organisations (HCP WG)**

#### **Recommendations: Pharmacovigilance activities**

The EMA/CHMP Working Group with Healthcare Professionals' Organisations (HCP WG) has discussed areas of interest where co-operation between the EMA and healthcare professionals' organisation may help further progress and improve the current pharmacovigilance system, and has agreed on a number of draft recommendations.

In December 2007, the European Commission published a series of new draft legislative proposals for the area of pharmacovigilance. The HCP WG acknowledges that further discussions and actions in this area should await the outcome of the Commission's consultation.

This document therefore presents a number of recommendations for issues that has been identified by the HCP WG for action once the future legal framework in the area of pharmacovigilance has been further clarified. Nonetheless, the HCP WG believes that the content of the current document could also be considered within the ongoing revision of the pharmacovigilance system.

#### **Spontaneous reporting**

The current status of the spontaneous reporting is believed to be suboptimal for modern needs. The group has identified the following recommendations:

- a) Adverse drug reactions affecting quality of life are not adequately detected in the current system. Examples include loss of appetite, insomnia, nightmares, hair loss, pain etc. which might, if they are reported, be classified as minor ADRs in the system but still affect the quality of life to such an extent that it leads to discontinuation of treatment. The HCP WG welcomes that the new legislative proposals take into account regular patient reporting and drops the thresholds for expedited reporting, so all suspected adverse reactions are reportable. EMA may facilitate this process by providing appropriate data processing network, i.e. EudraVigilance.
- b) In light of the new legislative proposals, there is a need to discuss the practical issues around direct patient reporting, perhaps in the light of the Good Vigilance Practice.
- c) Underreporting should be systematically addressed. Available tools should generally aim at lowering a reporting threshold, i.e. availability of quick and easy reporting means, motivation via education and feedback. The system should involve all healthcare professionals, i.e. doctors, nurses, pharmacists, community health workers, etc.

## **Signal detection and evaluation**

The group agreed on the need for better tools and has identified the following recommendations:

- a) It is recognised that there are different definitions of a signal and dynamic thresholds for raising it. Transparency of the whole process, including definitions, thresholds and tools used for the signal detection would improve motivation of healthcare professionals in active early involvement in signal detection and evaluation.
- b) Healthcare professionals' organisations and academia might help to improve both quality of the signal evaluation as well as compliance of healthcare professionals with consequential regulatory action.
- c) Regulators should explore possibilities for learning about potential safety issues from editors of medical journals early, i.e. prior to publication.

## **Risk communication**

Safety messages from regulators often do not achieve risk minimisation. The group has identified the following recommendations:

- a) An optimal communication methodology of early pharmacovigilance signals should be developed to involve healthcare professionals' organisations in contributing to early signal investigation/evaluation. This may be facilitated by the proposed representation of healthcare professionals in the Committee on Pharmacovigilance.
- b) An optimal communication methodology should be developed for risk minimisation measures and support for implementation of risk management.
- c) Nominated experts from relevant healthcare professionals' organisations should be involved in early drafting of safety communications. This may be facilitated by the proposed representation of healthcare professionals in the Committee on Pharmacovigilance.
- d) An emergency communication system that can reach a majority of relevant health care professionals in the EU in a very short timeframe (i.e. hours) should be further developed.

## **Education and training**

The group finds that education and research are key factors in the overall system improvement:

- a) Relevant healthcare professionals' organisations should be consulted for the preparation of risk minimisation measures within the Risk Management Plans for centrally authorised medicines. Particular attention should be given to those measures involving obligatory training and education to ensure an optimal way of meeting specific risk minimisation objectives.
- b) There is a need for better basic education of healthcare professionals about safety of medicines. Healthcare professionals' organisations in co-operation with regulators, academia and other professional bodies, should develop a proposal for a curriculum that would address this need.
- c) Use of risk minimisation measures set out by product specific Risk Management Plans, particularly those in form of obligatory training and education, should be

consulted with relevant healthcare professionals' organisations to ensure an optimal way of meeting specific risk minimisation objectives.

- d) Regulators should develop, in co-operation with healthcare professionals' organisations, a system of continuous professional education (including CPE/CME credits) in the area of pharmacovigilance.

### **Area of research**

The group finds that there is a need for substantial increase of research activity in the area of pharmacovigilance:

- a) Research in the area of pharmacovigilance includes drug utilisation studies, pharmacoepidemiological studies and clinical safety trials. Topics for this research might be proposed by healthcare professionals' organisations in order to help regulators to focus the majority of available resources to the most burning problems. Continuing support to creation of a research network in this area is highly recommended.
- b) Research in elucidation of biological causes and possible prevention of ADRs, e.g. pharmacogenomics, should be promoted by regulators.
- c) Regulators should further improve the research methodology for assessing effectiveness of risk minimisation measures and then conduct such a research on a regular basis.

### **New approaches in pharmacovigilance**

The current methodologies in pharmacovigilance may need to be further developed, perhaps in the context of the Good Vigilance Practices, taking into account the following recommendations:

- a) In a majority of cases, medicines are used in combination or as a part of a complex therapeutic strategy. Methods of surveillance of such complex therapeutic strategies should be developed and implemented as part of the pharmacovigilance system. Relevant examples include different standards of diabetic care, combination therapy of HIV, or protocols used in oncology.
- b) IT methodologies should be developed to share databases on adverse drug reactions with databases on genetic variability e.g. the PharmGKB network in order to evaluate further the impact of pharmacogenomics to ADR and to develop strategies to prevent ADR through individualized medicine.
- c) In recent years, the use of functional foods and nutraceuticals has increased significantly. It would be important to promote research to investigate its long-term use and its possible interactions with medication as well as to draw attention to possible ADRs cause-effect relationship. A further strengthening of co-operation between food safety surveillance and drug safety surveillance systems is needed.

## **Annex 4 – Draft recommendations: Involvement of healthcare professionals' organisations in activities of the EMEA's scientific committees**

### **EMA/CHMP Working Group with Healthcare Professionals' Organisations (HCP WG)**

#### **Recommendations: Involvement of healthcare professionals in EMA activities**

The EMA/CHMP Working Group with Healthcare Professionals' Organisations (HCP WG) agreed on the recommendations in the area of involvement of healthcare professionals in EMA activities, as listed below. The recommendations made in this area can be implemented within the current legal framework.

- a) In collaboration with healthcare professionals, the EMA will define a set of criteria to enable the Agency to establish contacts with the appropriate healthcare professionals' organisations. These criteria will be adopted by the EMA Management Board.
- b) The above-mentioned criteria should include a definition of healthcare professionals' organisations. This definition will allow establishing contacts with organisations focused on patient care, and also with other European scientific and academic societies more focused on research activities related to medicines. Overlapping activities and interests very often coexist in scientific associations, making it difficult and artificial to create clear distinctions. In the current context, it is understood that whichever the mission/objectives of the organisation are, a direct or indirect impact or interest in patient care should always be evidenced.
- c) The EMA should set up a procedure inviting European healthcare professionals' organisations to express their interest to be involved in EMA activities. Eligibility of every organisation wishing to work with the Agency will be assessed by the EMA against the defined criteria. The EMA should make public the list of eligible organisations fulfilling the criteria.
- d) The EMA should identify relevant staff members as contact points for the interaction with healthcare professionals' organisations.
- e) Two different ways of interaction with individual members of healthcare professionals' organisations are envisaged:
  - Interaction with healthcare professionals as representatives of their organisation.
  - Interaction with healthcare professionals as experts.

In order to establish clear boundaries, the EMA/CHMP Working Group with Healthcare Professionals' Organisations has considered the existing "rules of involvement of members of patients' and consumers' organisations in Committees related activities" (EMA/161660/2005). As such, these rules are considered valid for healthcare professionals, and therefore the document should be revised to cover members of healthcare professionals' organisations.

The document will make clear in all cases that any healthcare professional, either acting as representative of his/her organisation or as an expert, will have to adhere to the provision defined in the EMEA policy on the handling of Conflict of Interests.

### **Interaction with healthcare professionals as representatives of their organisation**

- i. A dedicated forum should be established to deal with issues related to the activities of the EMEA Human Scientific Committees (CHMP, COMP, HMPC, PDCO), and to provide recommendations on all matters of interest to healthcare professionals in relation to medicines.
- ii. It should be ensured that the 'Procedure for European Union Guidelines and Related Documents within the Pharmaceutical Legislative Framework' (EMA/P/24143/2004) is fully implemented with regard to the involvement with healthcare professionals. In this aspect, the EMA should pro-actively consult appropriate healthcare organisations when developing guidelines. Specific procedures to identify and contact relevant healthcare professionals' organisations at an early stage of guideline preparation (i.e. concept paper) should be developed.
- iii. The same process would apply once the draft guideline is released for public consultation before finalisation. If considered appropriate, and in response to specific justified concerns, divergent views or upon request from healthcare professionals' organisations, the EMA may convene a meeting to review and discuss comments received on the draft guideline, before it is finalised.
- iv. The healthcare professionals' organisations should disseminate final guidelines relevant to their area of competence within their organisation, ensuring through their network that they reach individual members such as national and otherwise related organisations. Dissemination of guidelines through publication in their scientific journals should also be considered.
- v. The EMA and healthcare professionals' organisations should ensure exchange of information in order to facilitate consistency between the EMA and healthcare professional's guidelines (e.g. therapeutic guidelines) where relevant.
- vi. The EMA should create and maintain updated a database. The database will include European and international healthcare professionals' organisations, as well as other scientific organisations such as learned societies and groups of academia, with relevant potential interest in EMA guidelines. This database will be a tool to guarantee adequate dissemination of guidelines from early stages of their preparation and after their finalisation and entry into force.
- vii. Healthcare professionals, through the EMA/CHMP Working Group with Healthcare Professionals' Organisations, should explore possible contributions to the different EMA Scientific Committees' procedures. Informative sessions of the current EMA procedures will be provided to the members of the Working Group.
- viii. Healthcare professionals acting as representatives of their organisations should be able to express their opinion at the level of the different EMA Scientific Committees on any matter related to medicines.

## **Interaction with healthcare professionals as experts**

- i. The proposed interaction with a European network of healthcare professionals should be used to strengthen the existing network of European experts in order to ensure that the EMEA can reach the best possible expertise in any matter related to medicines. This can be of particular usefulness in areas related to new therapies and technologies. Experts selected through the European network of healthcare professionals should be involved in the different activities of the Agency, such as scientific assessment and other product related issues, activities in relation to innovation of medicines, and guideline preparation. In addition, the prospect of further involvement with healthcare professionals as experts should be considered when drafting EMEA strategies such as 'Road Maps'.
  - ii. Interaction with a view to draw on the expertise of healthcare professionals' organisations and communities in specific areas should also be investigated. This is already being done in some areas, e.g. the European Network of Centres in Pharmacoepidemiology & Pharmacovigilance (ENCePP), and healthcare professionals' organisations should be involved in any future EMEA initiatives of similar character.
- f) The EMEA should train healthcare professionals involved in the Agency's activities on the regulatory background of these activities and offer follow-up training as appropriate.
- g) The EMEA should consider any similar initiatives in relation to interaction with healthcare professionals' organisations that may be taken by the National Competent Authorities.

## **Annex 5 – List of abbreviations**

|         |                                                                                      |
|---------|--------------------------------------------------------------------------------------|
| ADR     | Adverse Drug Reaction                                                                |
| CHMP    | Committee for Medicinal Products for Human Use                                       |
| EC      | European Commission                                                                  |
| EMA     | European Medicines Agency                                                            |
| ENCePP  | European Network of Centres in Pharmacoepidemiology & Pharmacovigilance              |
| EPAR    | European Public Assessment Report                                                    |
| EU      | European Union                                                                       |
| EudraCT | European Clinical Trials Database                                                    |
| HCP WG  | EMA/CHMP Working Group with Healthcare Professionals' Organisations                  |
| HMPC    | Committee on Herbal Medicinal Products                                               |
| MS      | EU Member State                                                                      |
| NCA     | National Competent Authority                                                         |
| PCWP    | EMA Scientific Committees' Working Party with Patients' and Consumers' Organisations |
| PL      | Package leaflet                                                                      |