

# ALLERGY IN ICD-11: NEWSLETTER

*LUCIANA KASE TANNO, PASCAL DEMOLY*



ALLERGY in ICD-11  
Coding it right!

*FIFTH EDITION, MARCH 2017*

*The core **Allergy in ICD-11** operational team (Luciana Kase Tanno, Moises Calderon and Pascal Demoly), is an independent group working for the Allergy specialty worldwide and represents the Joint Allergy Academies\* into the ICD-11 revision.*

## ADDRESSED TO:

- The **Joint Allergy Academies executive committees:**
  - European Academy of Allergy and Clinical Immunology (EAACI): Antonella Muraro, Nikolaos G. Papadopoulos, Ioana Agache
  - World Allergy Organization (WAO): Lanny Rosenwasser, Mario Sanchez-Borges, Ignacio Ansontegui
  - American Academy of Allergy Asthma and Immunology (AAAAI): Thomas Casale, Robert Lemanske, Thomas Fleisher
  - American College of Allergy, Asthma and Immunology (ACAAI): James Sublet, Bryan L. Martin
  - Asia Pacific Association of Allergy, Asthma and Clinical Immunology (APAAACI): Hee-Bom Moon, Francis Thien, Yoon-Seok Chang, Ruby Pawankar
  - Latin American Society of Allergy, Asthma and Immunology (SLAAI): Juan Carlos Sisul, Edgardo Jares, Maximiliano Gomez, Maria Susana Repka de Ramirez
- **Patients' Organization**
- **Junior members groups**
- The **World Health Organization (WHO) International Classification of Diseases (ICD) representatives:**
  - Revising Steering Group (RSG)
  - Topic Advisory Group (TAGs)
  - Accuracy Assurance Coordinators
  - International Classification of Health Interventions representatives

\* *Joint Allergy Academies:* American Academy of Allergy Asthma and Immunology (AAAAI), European Academy of Allergy and Clinical Immunology (EAACI), World Allergy Organization (WAO), American College of Allergy Asthma and Immunology (ACAAI), Asia Pacific Association of Allergy, Asthma and Clinical Immunology (APAAACI), Latin American Society of Allergy, Asthma and Immunology (SLAAI)

## ALLERGY in ICD-11 BUSINESS MEETING

03rd March 2017, 04:30 to 06:00pm

Kennesaw Room of the Hyatt Regency Atlanta Hotel  
Atlanta, USA



This fifth edition of the Newsletter aims to update you regarding the last **ALLERGY in ICD-11** business meeting, held on 3<sup>rd</sup> March 2017, Atlanta, USA. In this meeting we highlighted the historic background of the initiative and discussed the forthcoming steps.

The core ICD operational group thanks very much the American Academy of Allergy Asthma and Clinical Immunology (AAAAI) to help organizing the business meeting and the allergy academies representatives for the attendance.

**PARTICIPANTS:** All major regional and international allergy academies were represented: AAAAI (apologies from Robert Lemanske, Thomas Casale, Thomas Fleisher), APAAACI (Ruby Pawankar, apologies from Yoon-Seok Chang, Francis Thien, Hee-Bom Moon), ACAAI (apologies from James Sublett and Bryan L. Martin), EAACI (Antonella Muraro, Ioana Agache, Lars Polsen, Sue Paredi, apologies from Nikos Papadopoulos), SLAAI (Edgardo Jares, apologies from Juan Carlos Sisul, Maximiliano Gomez), WAO (Mario Sanchez-Borges, Ignacio Ansotegui, apologies from Lanny Rosenwasser)

**Core ICD operational team:** Luciana Kase Tanno, Pascal Demoly

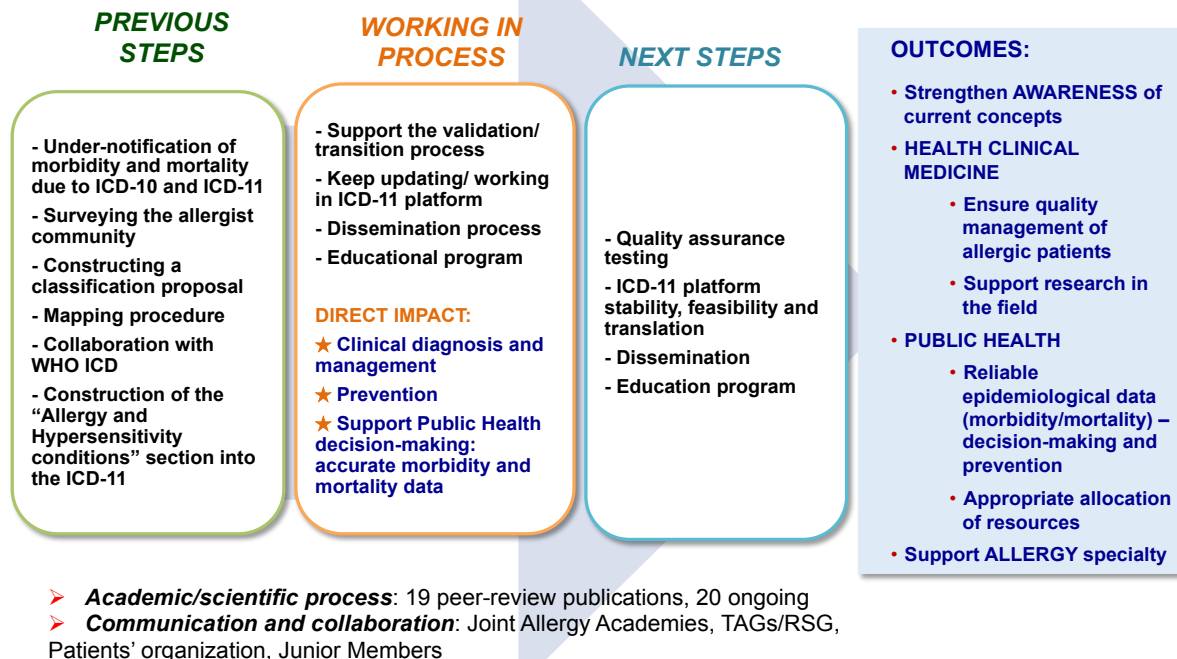
## ALLERGY in ICD-11 BUSINESS MEETING AIMS:



1. The ALLERGY in ICD-11 initiative actions overview
2. Report of the WHO ICD face-to-face meeting, Geneva (May 2016)
3. ICD-11 Revision Conference, Tokyo (October 2016)
4. Designation as WHO CC updates
5. Identify potential collaborators for the forthcoming steps of the ICD-11 revision

## HISTORIC-PROSPECTIVE OVERVIEW

### The ALLERGY IN ICD-11 initiative STEPS IN THE ICD-11 REVISION



Since 2013, we have developed efforts for a better classification of the allergic and hypersensitivity conditions in the ongoing International Classification of Diseases (ICD)-11 revision. During the process we could keep bilateral dialog with representatives of the WHO ICD revision by providing them scientific and technical evidences for the need of changes in the ICD framework. The actions have been supported and acknowledged by major allergy academies, named **Joint Allergy Academies\***, and we have been documenting all the steps by peer-reviewed publications\*\*. We have been keeping continuous communication with all relevant parts through reports, newsletters, publications and other communication channels. The main outcome of the process was the construction of the **pioneer "Allergic and hypersensitivity conditions" sections** under the "Immune system disorders" chapter of the ICD-11 beta framework upon the WHO ICD representatives guidance. The building process of the new section was a detailed technical/scientific labor-intensive construction in which we had to reach a consensus with all the specialties with whom we have overlapping conditions. We strongly believe that it can be considered as a key move in the history of the Allergy specialty by giving it the deserved recognition by the WHO and by the other specialties, which will contribute for the better clinical practice and public health actions.

## WHO ICD face-to-face meeting Geneva, May 2016



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2 days of technical meeting

- Participants: 5 WHO ICD representatives/staff members
- Presentation of background + current prospective actions of the initiative
- Acknowledgements:
  - Work done and timing
  - Collaboration between Allergy Academies
- Methodological ways to reach:
  - Quality assurance
  - Stability
  - Reliability, feasibility, usability



Analysis of **ICD-11 allergy sets** to improve accuracy and data comparability

- Remaining **implementations** into the ICD-11 Beta platform
- Inputs in the **International Classification of Health Interventions (ICHI)**
- First discussion: **designation as WHO Collaborating Center**

**Classifications**

Family of International Classifications

Family of International Classifications network

Classification of Diseases (ICD)

Classification of Functioning, Disability and Health (ICF)

Classification of Health Interventions (ICHI)

Frequently asked questions

**The International Classification of Diseases 11th Revision is due by 2018**

**2018**

**Participate in the ICD Revision**

Beta phase participants will have the opportunity to:

- Make **Comments**
- Make **Proposals**
- Propose **definitions** of diseases in a structured way
- Participate in **Field Trials**
- Assist in **translating** ICD into other languages

Video invitation to participate

Frequently Asked Questions About ICD-11

ICD Information Sheet

ICD Revision Information Notes

ICD-11 Browser for browsing the classification and participating the development



# ICD-11 Revision Conference

## Tokyo, October 2016



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4 days meeting

**Participants:** 450 participants from 6 WHO regions

- WHO leadership
- 60 Members of States

### Presentation of **ALLERGY in ICD-11: advances and use**

- Undernotification and misclassification of allergic and hypersensitivity conditions – low accuracy morbidity and mortality statistics
- The example of anaphylaxis

Anaphylaxis ICD-10 codes (2015 version)	Anaphylaxis ICD-11 codes (frozen May 2015 version)
<p><b>Chapter XIX Injury, poisoning and certain other consequences of external causes (S00-T98)</b></p> <p><b>Other and unspecified effects of external causes (T66-T78)</b></p> <p><b>T78 Adverse effects, not elsewhere classified</b></p> <p>Note: This category is to be used as the primary code to identify the effects, not elsewhere classifiable, of unknown, undetermined or ill-defined causes. For multiple coding purposes this category may be used as an additional code to identify the effects of conditions classified elsewhere.</p> <p><b>T78.0 Anaphylactic shock due to adverse food reaction</b></p> <p><b>T78.1 Other adverse food reactions, not elsewhere classified</b></p> <p><b>T78.2 Anaphylactic shock, unspecified</b></p> <p>Allergic shock Anaphylactic reaction NOS Anaphylaxis</p> <p><b>T78.3 Angioneurotic oedema</b></p> <p>Giant urticaria Quincke oedema</p> <p><b>T78.4 Allergy, unspecified</b></p> <p>Allergic reaction NOS</p>	<p><b>Chapter 04 Disorders of the immune system</b></p> <p><b>Section Allergic and hypersensitivity conditions</b></p> <p><b>Subsection Anaphylaxis</b></p> <p><b>4B50 Anaphylaxis due to allergic reaction to food</b></p> <p><b>4B51 Drug-induced anaphylaxis</b></p> <p><b>4B52 Anaphylaxis due to insect venom</b></p> <p><b>4B53 Anaphylaxis provoked by physical factors</b></p> <p>4B53.1 Exercise-induced anaphylaxis</p> <p>4B53.2 Cold-induced anaphylaxis</p> <p>4B53.Y Anaphylaxis provoked by other specified physical factors</p> <p>4B53.Z Anaphylaxis provoked by unspecified physical factors</p> <p><b>4B54 Anaphylaxis due to inhaled allergens</b></p> <p><b>4B55 Anaphylaxis due to contact with allergens</b></p>

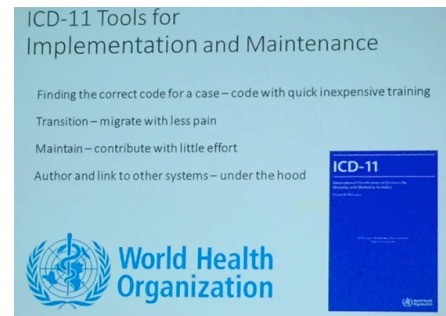
### Discussion:

- Importance in clinical practice
- Collaboration with TAGs and WGs: scientific discussions and collaboration between more than 1/3 of all groups involved in the ICD-11 revision
- Discussion and procedures: WHO Collaborating Center

## Designation as WHO Collaborating Centre

### WHO Collaborating Centre for Classification Scientific Support (CSS) for Allergic and Hypersensitivity Conditions

- Formal invitation from the WHO: May 2016
- Submission: October 2016
- Currently:
  - Carrying on the discussions
  - WHO internal review



*ICD-11 FOR THE NEW  
ERA: UPDATING  
CONCEPTS IN THE  
DIGITAL WORLD*

## International Academic Network for Allergy Classification and Coding Proposal

### AIMS AND FOCUS

To contribute to the validation process of the new ICD-11 “Allergy and hypersensitivity conditions” chapter

- To reach quality assurance (field testing procedures)
- To reach accuracy: sensibility and specificity
- To reach feasibility and usability

### PROFILE OF THE NETWORK

- Non-governmental
- Mainly web-based clinical network

### POTENTIAL CONTRIBUTORS

- 1-2 center(s) suggested by each Academy according to the criteria discussed
- Preferably from different WHO regions
- Agreed terms of reference and work plan coordinated by the WHO Collaborating Centre

## AGENDA



- Institutional names and data
- Signed and agreed terms of reference and work plan from the head of the Department and of the Institution
- Letters from the Joint Allergy Academies to confirm their support to the initiative: received from AAAAI, WAO, SLAAI and APAAACI.
- Technical meetings will be scheduled with the contributors
- Publications to document the steps of the process
- Education program
- Keep the discussion with TAGs
- Carry on working in the ICD-11 platform together with the WHO
- Keep working in accuracy assurance process in collaboration with the WHO ICD representatives

### \*\*ICD references:

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