

ALLERGY IN ICD-11 NEWSLETTER

LUCIANA KASE TANNO, PASCAL DEMOLY

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



ALLERGY in ICD-11
Coding it right!

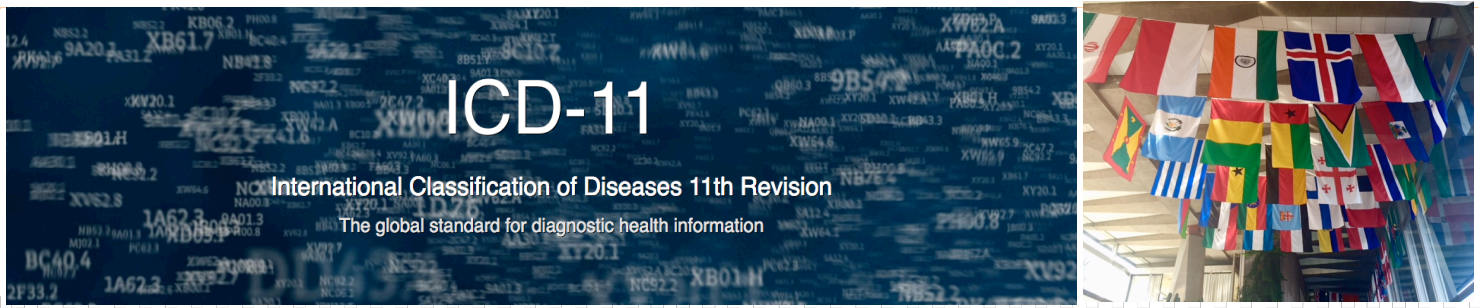
EIGHTH EDITION, JUNE 2018

ADDRESSED TO:

The Joint Allergy Academies executive committees:

- European Academy of Allergy and Clinical Immunology (EAACI): Ioana Agache, Antonella Muraro, Nikolaos G. Papadopoulos, Peter Hellings
- World Allergy Organization (WAO): Lanny Rosenwasser, Mario Sanchez-Borges, Ignacio Ansotegui, Motohiro Ebisawa
- American Academy of Allergy Asthma and Immunology (AAAAI): Thomas Casale, Robert Lemanske, Thomas Fleisher, James Li, Robert A. Wood, David Lang, David B. Peden
- American College of Allergy, Asthma and Immunology (ACAAI): James Sublet, Bryan L. Martin, Bradley Chipps
- 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) and additional WHO classifications representatives:**
 - ICD-11 Revision and Implementation Steering Group (RSG)
 - Medical and Scientific Advisory Committee (MSAC)
 - Accuracy Assurance and Implementation 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)



Getting ready for implementing the ICD-11!

MINUTES OF THE ICD-11 RELEASE EVENT 18th June 2018, Geneva, WHO

Aims of the event:

- To the release of the 2018 version of ICD-11 for preparation of implementation
- To prepare for the presentation to the World Health Assembly, in 2019

During the 2 hours meeting, members of states from all 6 WHO world regions, WHO leadership and ICD-11 governance bodies could discuss the technical and the political aspects of implementation process of the ICD-11.

The meeting was opened by the WHO Director of Information, Evidence and Research, Dr. John Grove and counted with the talks of Dr. Tedros Ghebreyesus, the WHO Director General, and the ICD-11 steering committee. The ICD-11 global action plan for implementation has been discussed by the leadership from the 6 WHO regions, taking the examples from ICD-11 maternal and sexual health gender, ICD-11 mental health and plans

of implementation in specific country.

This meeting gave us the possibility of exchanging ideas and discussing the ways to optimize the implementation process from the Allergy perspective. Since the “Allergy and hypersensitivity” section is an innovation in the ICD-11 framework, we discussed the possibility of using it as a model in this new stepping in to the new vision of the WHO.

The ICD-11 gains a different perspective, adapting to the new technologies and integrating updated knowledge. It is a result of over 10 years of intensive work by the WHO ICD team – congratulations!

The core Allergy in ICD-11 operational team would thank very much all the support and acknowledgement from the Allergy community and all the WHO members who allowed a better representation of the international classifications.





WHO COLLABORATING CENTRE FOR CLASSIFICATION SCIENTIFIC SUPPORT

The World Health Organization has designated the Department of Pulmonology and Addictology, Division of Allergy, University Hospital of Montpellier, as a WHO Collaborating Centre for Classification Scientific Support, headed by Pascal Demoly and Luciana Kase Tanno.

2012: The *Allergy in ICD-11 initiative* started the activities,

2012–ongoing: gained support and acknowledgement from different bodies

Feb, 2015: the first section addressed to allergic and hypersensitivity conditions was built up into the “Disorders of the Immune system” chapter

This achievement was a result of combined international academic and based-evidence trajectory** acknowledged by the Joint Allergy Academies and the ICD WHO representatives.

As a recognition for all the efforts, the WHO has designated the Department of Pulmonology and Addictology, Division of Allergy, University Hospital of Montpellier, as a **WHO Collaborating Centre for Classification Scientific Support** (WHO CC CSS), headed by PD and LKT.

The main WHO CC CSS tasks are:

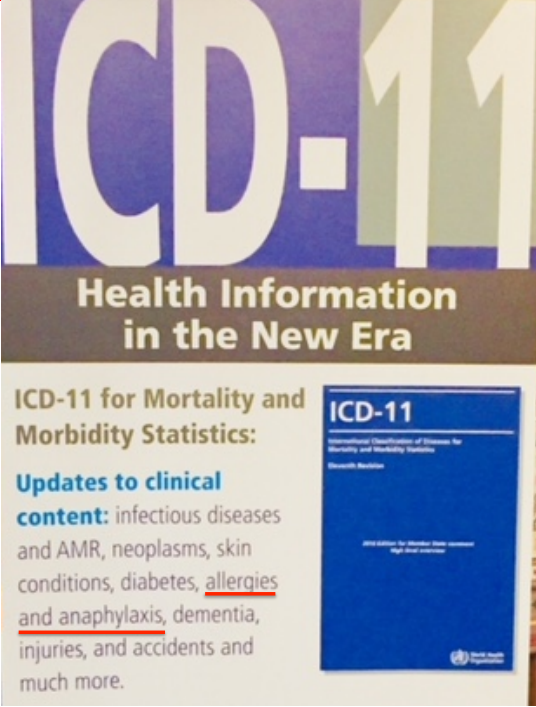
- To provide scientific contribution for elaboration and conservation of the WHO products in the domain of classification, terminology and standards;
- To participate in continuous quality of the WHO products, in particular related to

definitions, evaluation of end-users requirements, conceptions and developments of trials and formation activities;

- To contribute in the development of translational research with the WHO networks and online platforms.

As the only WHO CC for classifications of allergic and hypersensitivity conditions, we also intend to establish close collaboration with national bodies in order to implement actions for better patients’ care, monitor and prevention, developments in research and launch measures in order to reduce avoidable deaths. Besides, to extend these actions internationally with the support of the WHO-Family of International Classifications, academic and scientific networks, the Joint Allergy Academies, stakeholders and patients’ organizations. Our WHO CC will provide the means through which governmental and nongovernmental collaborating parties can combine their strengths to achieve focused objectives, avoiding wasting energy and resources.

CHANGING THE HISTORY OF ANAPHYLAXIS MORTALITY AND MORBIDITY STATISTICS THROUGH THE ICD-11: A STEP FORWARD TO A BETTER PRACTICE OF ALLERGOLOGY



Welcome banner of the ICD-11 release event, June 2018, Geneva, WHO

2012:

- Anaphylaxis deaths are under-notified: *Tanno et al. Allergy 2012 (research pioneer paper)*

2013:

- Starting point of the ALLERGY in ICD-11 initiative

2014:

- The ICD-10 is not good for anaphylaxis morbidity: *Categorization of allergic disorders in the new WHO ICD: identify gaps, trade-offs and areas of regression in allergy coding: Tanno et al. CTA 2014*
- Building block of the section proposal in collaboration with WHO Topic Advisory Group

2015:

- Construction of the **“Anaphylaxis” section in the ICD-11**, together with the WHO ICD representatives: *The new allergic and hypersensitivity conditions section in the International Classification of Diseases (ICD)-11: Tanno LK et al. AAIR 2016*

Anaphylaxis ICD-10 codes (2015 version)	Anaphylaxis ICD-11 codes (frozen May 2015 version)
<p>Chapter XIX Injury, poisoning and certain other consequences of external causes (S00-T98)</p> <p>Other and unspecified effects of external causes (T66-T78)</p> <p>T78 Adverse effects, not elsewhere classified</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>T78.0 Anaphylactic shock due to adverse food reaction</p> <p>T78.1 Other adverse food reactions, not elsewhere classified</p> <p>T78.2 Anaphylactic shock, unspecified</p> <p>Allergic shock Anaphylactic reaction NOS Anaphylaxis</p> <p>T78.3 Angioneurotic oedema</p> <p>Giant urticaria Quincke oedema</p> <p>T78.4 Allergy, unspecified</p> <p>Allergic reaction NOS</p>	<p>Chapter 04 Disorders of the immune system</p> <p>Section Allergic and hypersensitivity conditions</p> <p>Subsection Anaphylaxis</p> <p>4B50 Anaphylaxis due to allergic reaction to food</p> <p>4B51 Drug-induced anaphylaxis</p> <p>4B52 Anaphylaxis due to insect venom</p> <p>4B53 Anaphylaxis provoked by physical factors</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>4B54 Anaphylaxis due to inhaled allergens</p> <p>4B55 Anaphylaxis due to contact with allergens</p>

THE WORLD HEALTH ORGANIZATION MORTALITY REFERENCE GROUP DECIDED FOR CHANGES IN THE MORTALITY CODING RULES (June, 2018):

ALLERGIC DISORDERS WILL NOW BE CONSIDERED UNDERLYING CAUSE OF DEATH IN DEATH CERTIFICATES

WORLD HEALTH STATISTICS

MONITORING HEALTH FOR THE SDGs

17 SUSTAINABLE DEVELOPMENT GOALS



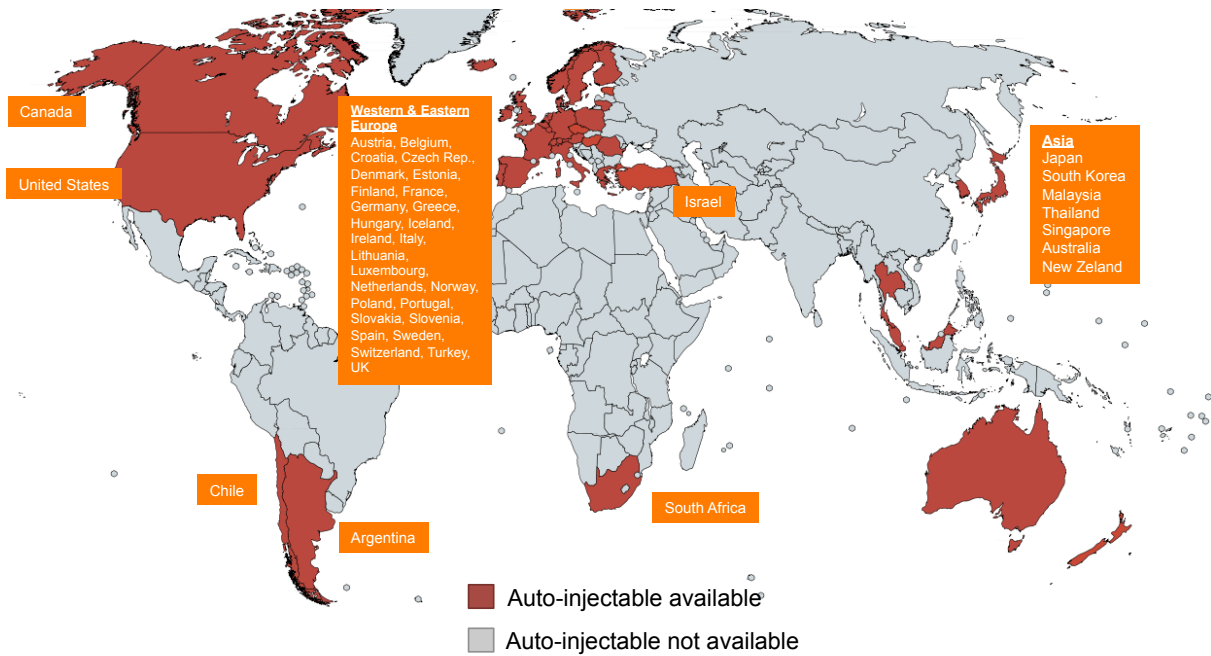
2016/2017:

- The “anaphylaxis” section is **useful for reaching morbidity and mortality data**: Tanno et al. *Decreasing the undernotification of anaphylaxis deaths in Brazil through the International Classification of Diseases (ICD)-11 revision. Allergy. 2016; Field-testing the new anaphylaxis' classification for the WHO International Classification of Diseases-11 revision. Allergy. 2017*
- *Fatal anaphylaxis registries data support changes in the WHO anaphylaxis mortality coding rules. Tanno et al., Orphanet J Rare Dis. 2017 Jan 13;12(1):8.*
- *Applying prevention concepts to anaphylaxis: a Call for Worldwide Availability of Adrenaline Auto-Injectors. Tanno et al., Clin Exp Allergy. 2017 Sep;47(9):1108-1114.*

2017/2018:

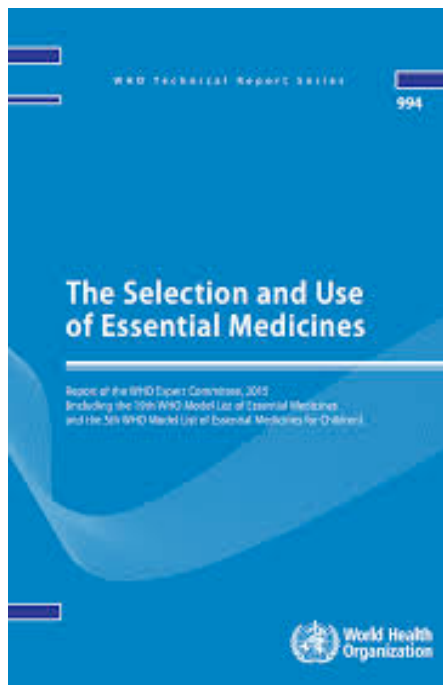
- *Decreasing the undernotification of anaphylaxis deaths in Brazil through the International Classification of Diseases (ICD)-11 Revision. Tanno et al. Allergy. 2017 Jan;72(1):120-125.*
- *Fatal anaphylaxis in children in France: Analysis of national data. Pouessel et al., Pouessel et al. Pediatr Allergy Immunol. 2018 Feb;29(1):101-104.*
- *Critical view of anaphylaxis epidemiology: open questions and new perspectives. Tanno et al., Allergy Asthma Clin Immunol. 2018 Apr 4;14:12.*

GLOBAL AVAILABILITY OF ADRENALINE AUTO-INJECTORS (2018)



Tanno et al., 2018

SUPPORTING THE GLOBAL AVAILABILITY OF ADRENALINE AUTO-INJECTORS



The discussions in order to add the auto-injector form of adrenaline in the WHO Model list of Essential Medicine are ongoing and the formal proposal is under preparation.

**** ALLERGY in ICD-11 references:**

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