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.

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) and additional WHO classifications representatives:
  - Revising Steering Group (RSG)
  - Medical and Scientific Advisory Committee (MSAC)
  - Accuracy Assurance Coordinators
  - International Classification of Health Interventions representatives
  - International Classification of Primary Care 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)
BACKGROUND

To create a more appropriate classification for allergic and hypersensitivity conditions in the ICD-11, including the DHRs, a detailed action plan was coordinated based on scientific evidences for the necessity of changes**.

Collaboration with the WHO ICD-11 revision governance has been intense and is ongoing so far and all the efforts are being acknowledged by the Joint Allergy Academies.

The construction of the pioneer “Allergic and hypersensitivity conditions” section in the ICD-11 Beta draft was the main outcome of this first step of the process. Currently, the new framework is under validation.

In the context of the development of the Eleventh revision of the ICD at the World Health Organization and other classifications, Luciana Kase Tanno received the nomination by the WHO as one of the 20 representatives of the Medical and Scientific Advisor Committee (MSAC) for the ICD-11 and other WHO classifications.

The main MSAC roles:

- To advise the WHO on scientific and medical updates to ICD-11 and other WHO classifications.
- To recommend changes or enhancements to ICD based on scientific advances or other new information.
- To engage in additional special projects at the request of WHO.

The MSAC may draw on a pool of subject matter experts, but they provide their advice in their individual capacity. The acceptance of this nomination has been acknowledged by close collaborators of the ALLERGY in ICD-11 initiative.
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

TIMELINE:

- Currently: waiting for the formalities of the designation as WHO Collaborating Center.

- Invitation as International academic contributors launched: March 2017

- Potential international contributors to the WHO CC activities from 7 countries

- Invitation as French academic contributors officially launched: early September 2017

- Potential French contributors to the WHO CC activities: 14 institutions from 12 cities

POTENTIAL CONTRIBUTORS

• Criteria discussed at the March 2017 business meeting (Atlanta) and launched by e-mail to the Joint Allergy Academies leadership

• Preferably from different WHO regions

• Agreed terms of reference and work plan coordinated by the WHO Collaborating Centre
In 7 days meeting, 26 members and 6 observers from 20 different countries could discuss technical aspects of the International Classification of Primary care and its’ alignment to the ICD-11 framework.

It was possible to present the actions and achievements to reach a better representation of allergic and hypersensitivity conditions in the ICD, the collaboration between academies and WHO ICD revision representatives. We provided the big picture of undernotification and misclassification of allergic and hypersensitivity mortality and morbidity statistics (MMS) exemplified by anaphylaxis in ICD-10. On the other hand, we demonstrated by real-life application how the ICD-11 can overcome the problems faced in the previous ICD editions. The presentation has been well accepted and acknowledged.

This meeting gave the possibility of exchanging ideas, understanding different perspective of classification, terminology and definitions and, working in collaboration with the members. It was also possible to discuss a better representation of allergies in the international classification of primary care. Discussions and possible projects are on the way.

**News from the International Classification of Health Interventions (ICHI)**

- Paper 8: Updating Allergy/hypersensitivity diagnostic procedures in the WHO ICD-11 revision: *Tanno LK et al. JACI in Practice 2016http://www.jaci-inpractice.org/article/S2213-2198(16)00050-7/abstract* has been offered to the ICHI team as the basis for proposals
- Proposals to implement allergy interventions have been discussed with the WHO ICHI team and proposals submitted: May/June 2017
- ICHI beta is scheduled to October 2017
DID YOU KNOW THAT ADRENALINE AUTO-INJECTORS ARE MISSING IN MORE THAN 65% OF ALL WORLD COUNTRIES?

GLOBAL AVAILABILITY OF AUTO-INJECTABLE ADRENALINE

ADVANCES OF ANAPHYLAXIS REPRESENTATION IN HEALTH STATISTICS: A CALL FOR WORLDWIDE AVAILABILITY OF ADRENALINE AUTO-INJECTORS

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

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<tr>
<td><strong>Chapter XIX</strong> Injury, poisoning and certain other consequences of external causes (S00-T98)**</td>
<td><strong>Chapter 04 Disorders of the immune system</strong></td>
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<tr>
<td><strong>T78</strong> Adverse effects, not elsewhere classified</td>
<td><strong>Section Allergic and hypersensitivity conditions</strong></td>
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<td><strong>T78.0</strong> Anaphylactic shock due to adverse food reaction</td>
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<td><strong>T78.1</strong> Other adverse food reactions, not elsewhere classified</td>
<td>4B50 Anaphylaxis due to allergic reaction to food</td>
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<td>4B52 Anaphylaxis due to insect venom</td>
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<td>Anaphylactic reaction</td>
<td>4B53 Anaphylaxis provoked by physical factors</td>
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<td>Anaphylaxis</td>
<td>4B53.1 Exercise-induced anaphylaxis</td>
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<td><strong>T78.3</strong> Angioneurotic oedema</td>
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<td>Giant urticaria</td>
<td>4B53.Y Anaphylaxis provoked by other specified physical factors</td>
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<td>Quincke oedema</td>
<td>4B53.Z Anaphylaxis provoked by unspecified physical factors</td>
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<td><strong>T78.4</strong> Allergy, unspecified</td>
<td>4B54 Anaphylaxis due to inhaled allergens</td>
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<tr>
<td>Allergic reaction NOS</td>
<td>4B55 Anaphylaxis due to contact with allergens</td>
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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


ALLERGY in ICD-11 references**:

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