ICD-11
Do's and Don'ts

Implementation management
Data
Technology
Training

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ICD-11 Implementation Management

Do's

- Be **proactive** (start now).

- Be **practical** and hands-on (e.g. implement in real life settings without interrupting existing data collection).

- Be **strategic** (e.g. important needs), systematic (e.g. country implementation plan), institutional (e.g. implementation task force) and seek leadership commitment.

- Reach-out and **communicate** with key stakeholders (e.g. clinicians, coders, data analyst, decision makers, IT experts and vendors) with tailored messages (i.e. what is in it for me?).

- **Share** implementation **experience** with WHO and other countries. ICD-11 is an international public good.

Don'ts

- Don't be **reactive** (wait and see).

- Don't be **theoretical** and hands-off.

- Don't plan and implement **ad-hoc**, without strategic focus and commitment.

- Don't manage implementation in "**technical silos**" with "**one-size fits all**" messages.

- Don't keep it **implementation experience confined.**

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Do's

ICD-11 Data

Don'ts

Design and implement an **"end-to-end solution"** (i.e. apply ICD-11 as interoperability standard for coding diagnostic statements, analyze and use coded ICD data, make proposals to enhance ICD-11).

Make use of WHOs ICD-11 tools.

Don't implement only part of the solution.

Before working on **mapping** ICD-10 to ICD-11 specify
- the **purpose** of the map,
- **scope** & **granularity** of ICD-10 code data set,
- most **frequently used** ICD-10 codes for mortality and morbidity.

Use the WHO ICD-10 to ICD-11 maps as a starting point.

Don't start mapping work without clarifying purpose, granularity and frequency first.

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ICD-11 Technology

Do's ✓

When integrating ICD-11 in any software use the **ICD-11 APIs** and the **Embedded Coding tool** which are also available for local (**offline**) deployment.

Using the APIs and the embedded coding tool will provide access to the search algorithm and full terminology of the ICD-11 foundation and user interface of the coding tool.

In an electronic health record system **link the ICD-11 related data fields** (e.g. data entry fields to indicate Main and Other Conditions or Cause of death) **to** the **ICD-11 embedded coding tool**.

Consider use of drop-down lists for ICD-11 related data fields only for specific use cases where specific value sets are needed (e.g. electronic COVID-19 vaccine certificate listing ICD-11 code sets for COVID-19 vaccine names).

Don'ts ✗

When integrating ICD-11 in any software do not use the downloadable **spreadsheet file**.

In an electronic health record system do not use **drop down lists** for ICD-11 related data fields.

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ICD-11 Technology

Do's

When designing an ICD-11 based electronic health record system make sure the data entry form includes:

a) a data entry field to indicate the **diagnostic statement in free text**;

b) a **command field** which activates the **smart search with the ICD-11 coding tool**;

b) one data field which records the **ICD-11 code(s)** and another data field which documents the the **ICD-11 code title** as rendered and selected by the user in the ICD-11 coding tool;

b) a mechanism which stores the respective **ICD-11 URI** of the selected ICD-11 entity in the backend.

Don'ts

In an electronic health record system do not only capture an save the ICD-11 code and code title.

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ICD-11 Training

When designing ICD-11 training adhere and align to the following **principles**:
- **Competency based & target group oriented**;
- **Inside out approach** (i.e. build more competencies around core by adding gradually increasing levels of complexity;
- **Problem-oriented** (i.e. learning through practical exercises);
- Give learners a sense of "**benefit / gain**".

Make use of WHO training tools (e.g. ICD-Fit platform, ICD-11 e-learning material and curricula, ICD-11 course by the WHO Academy) and innovative ways to reach the target audience (e.g. YouTube videos, social media)

When providing ICD-11 training ensure that the **training conducted together with the technology solution** (e.g. ICD-11 based EMR or CoD application, ICD-11 coding tool running on computer)

Don't use reuse or adapt an ICD-10 training approach for ICD-11.

Don't conduct training without having a technology solution in place.

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