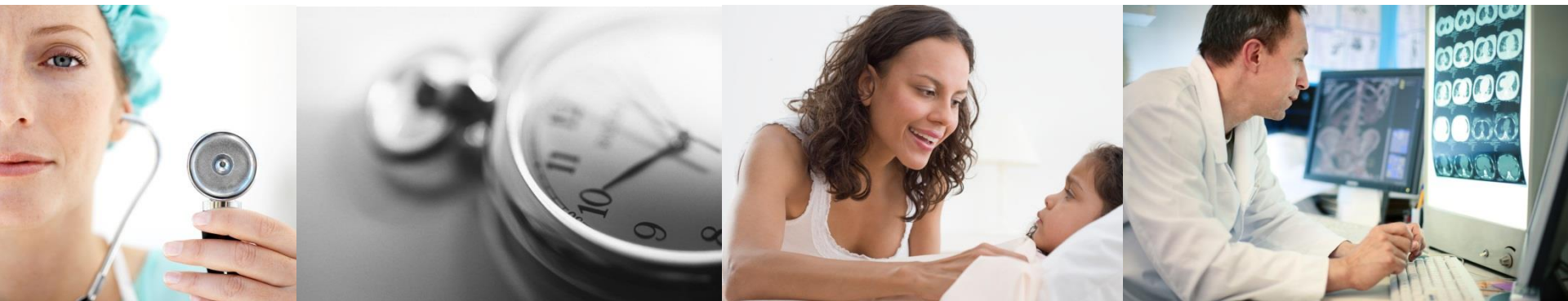


# Clinical Input to SNOMED CT

Zac Whitewood-Moores, Chair Nursing Special Interest Group



# Content

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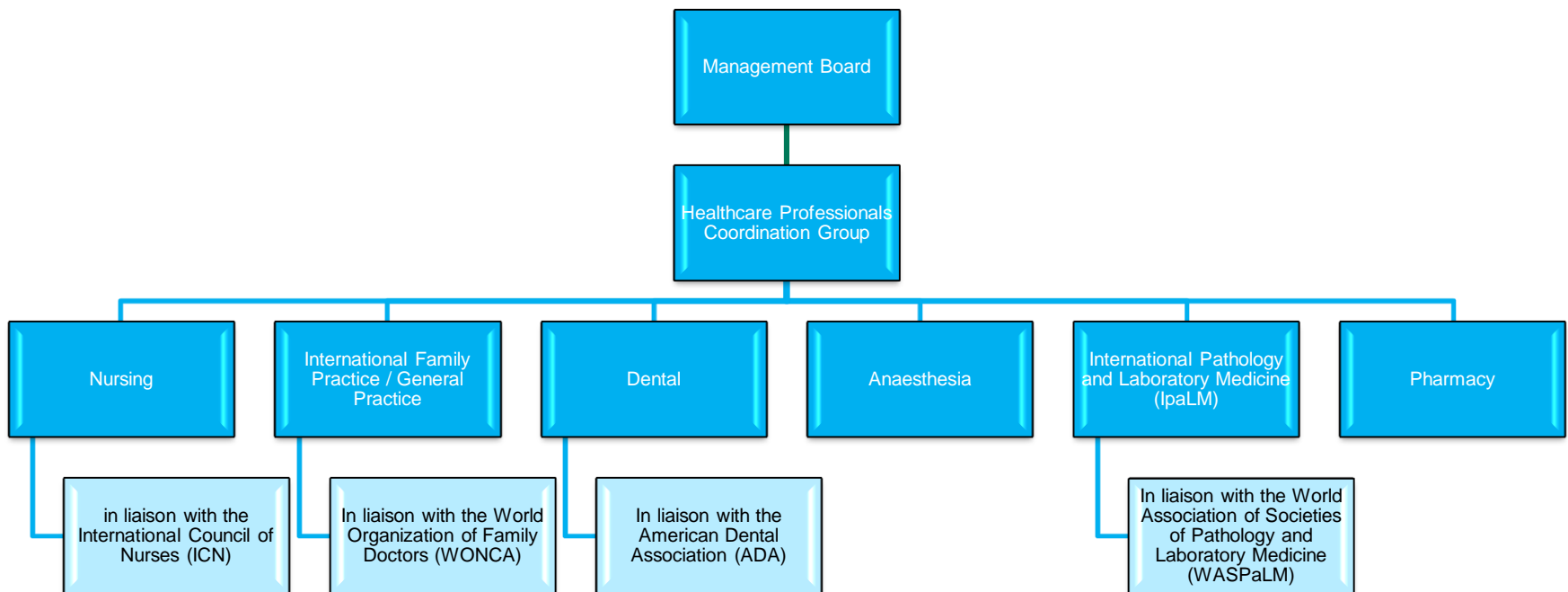
- Outline structures within IHTSDO that facilitate clinical engagement
  - Professional Special Interest Groups
  - Healthcare Professionals Coordination Group
- Discuss role with specific reference to Anesthesia and IPaLM SIGs
- Talk about how you can get involved in clinical engagement and current key work areas

# Professional Special Interest Groups

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- The professional Special Interest Groups engage practicing professionals in a given clinical domain, discipline or speciality
  - International professional organisations
  - National professional organisations
  - Academics
  - Individual professionals with an interest in health informatics
- Key stakeholders in the IHTSDO content development process.
- Contribute to ensuring that SNOMED CT is clinically relevant and up to date with practice
- Practical implementation advice and guidance

# Professional Special Interest Groups



# Examples of SIG and wider clinical engagement

- Development of new work – modelling and content **E**
  - Revision of specific specialty areas – content restructuring **E + R**
  - Review of content – content validation and QA **E**
  - Consensus on content – agreement inter and multi disciplinary **E + R**
- 
- **E – Engagement**
  - **R – Review**

# Content work areas for SIG and clinical engagement

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- Focus on specific clinical domains
  - ICD-11 – chapter reviews
- Work plan items e.g. Anatomy, Pharmacy, GP/FP
  - Linked to content tracker items
- Request submissions – as part of routine editing
  - Using content development process
- Collaborative work on specific areas e.g. Functioning, Devices
- Subset development and ongoing maintenance

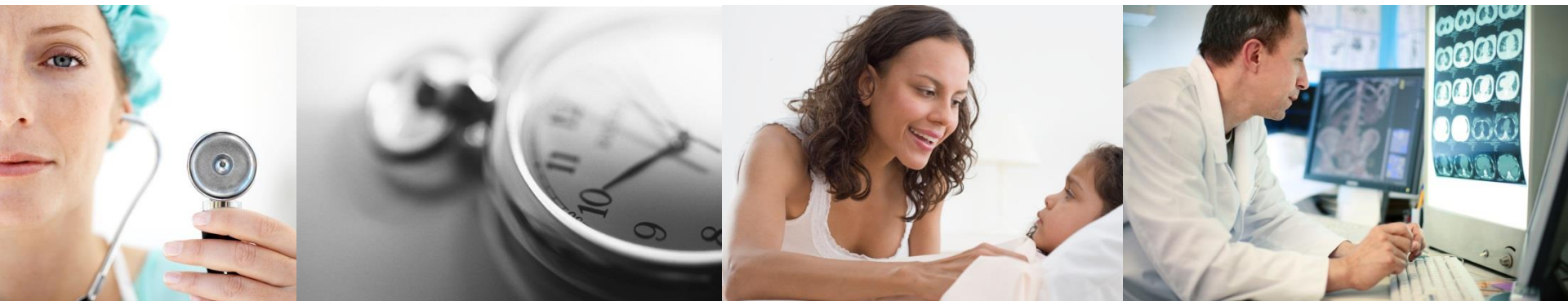
# Healthcare Professionals Coordination Group

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- Coordinating representatives from all Health Care Professional SIGs to work with relevant leads within the IHTSDO
  - Providing clinical consideration to IHTSDO products and services
  - Ensuring a focus on International requirements
  - Facilitate multidisciplinary input and agreement
  - Oversight of a framework for engagement with all relevant international Healthcare professional Groups
- 
- Membership - chairs and vice chairs of professional SIGs
  - Chair - Member of the IHTSDO Management Board

# IHTSDO Professional SIGs in Action

Andrew Norton, Chairman Anesthesia SIG





# Membership of the Anesthesia SIG

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- Anesthesiologists
  - Nurse Anesthetists
  - IHTSDO staff
  - System developers
  - Industry representatives from anesthesia equipment and information system suppliers
- 
- Current membership principally from the United States of America, United Kingdom and Canada
- 
- **Members from other nations very welcome**

# Anesthesia SIG Organisation, Meetings and Communication

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- Chair (until 2016) Andrew Norton, FRCA, FFICM  
Boston, UK
- Vice Chair (Chair from 2016). Patrick McCormick, MD,  
Mount Sinai Health System, New York, USA
- Meetings every 2 months – virtual using GoToMeeting
- Communication using the IHTSDO collaborative space  
and e-mail distribution list for the SIG

# Aims of the Anesthesia SIG

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Development of a controlled terminology for use in Anesthesia Information Management Systems using SNOMED CT

- Ensure the content of SNOMED CT is adequate to enable comprehensive structured electronic records for anesthesia
- To develop the content of SNOMED CT in areas of professional interest to the SIG
- To ensure that SNOMED CT can support quality initiatives in Anesthesia and related areas.

# Anesthesia SIG current areas of activity

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- SNOMED CT content for adverse outcomes in the perioperative period in conjunction with AQI (Anesthesia Quality Institute)
- Review of SNOMED CT structure for nerve block procedures
- Terminology requests for SNOMED CT content improvement and new clinical requirements

## Relationships with Professional Bodies (informal)

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- APSPF: Anesthesia Patient Safety Foundation: (USA)
  - The group that evolved into the IHTSDO anesthesia SIG was originally mandated by APSPF to develop structured controlled terminology for Anesthesia Information Management Systems
- AQI: Anesthesia Quality Institute (USA)
- Royal College of Anaesthetists (UK)
- SCATA: Society for Computing and Technology in Anaesthesia (UK)

## Relationships with other standards bodies

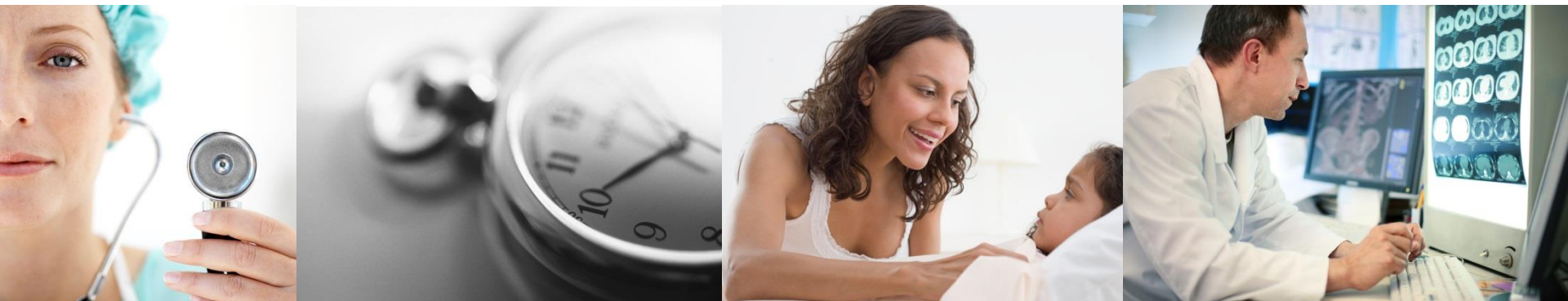
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- Health Level 7 (HL7) – Anesthesia SIG and Structured Documents SIG
- ISO/IEEE\* 11073 – Physiological measurements and monitoring, especially respiratory measurements
- ISO 19223 – Lung ventilators and related equipment – terminology and semantics

\*ISO = International Standards Organisation. IEEE = Institute of Electrical and Electronics Engineers

# International Pathology and Laboratory Medicine SIG(IPaLM)

Scott Campbell, Chair IPaLM Special Interest Group



# IPaLM SIG

- IPaLM SIG – International Pathology and Laboratory Management Special Interest Group
- All things pathology and laboratory medicine related
- Re-energizing!
- Mixture of pathologists, laboratorians and informaticians
  - Professionals (pathologists)
  - Governmental representatives
  - Academics
  - Scientists – industry



# IPaLM - New Perspectives

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- Vice Chair for six months (*Late 12/2014 – 6/2015*)
- Chair as of July 2015
- Duties
  - Organizational/Administrative
    - Meeting Agendas and Minutes
    - Represent IPaLM to HPCG
  - Facilitator for meetings and/or projects
  - Recruiter of additional members
- Fun
  - Create and promote vision to promote SIG constituents goals and solutions to needs.

# IPaLM – From the Past to the Future

## Example of Fun:

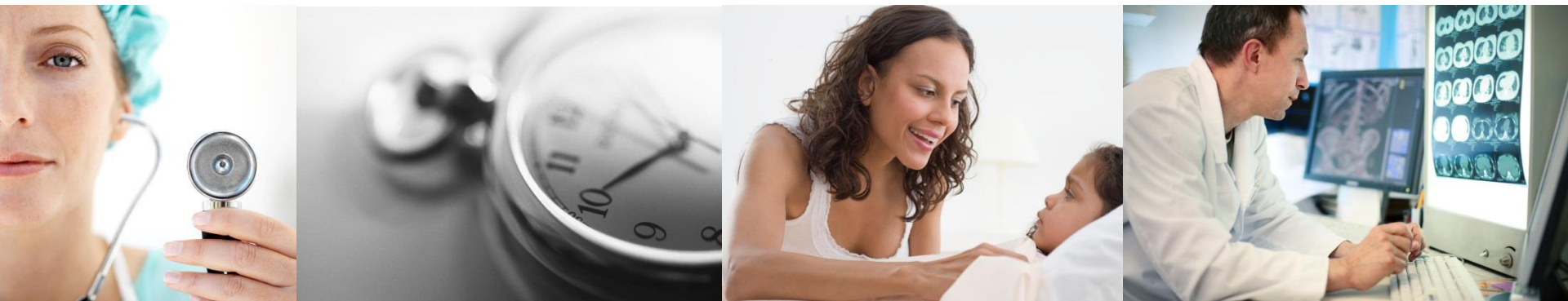
- Promote and advice on the development of SNOMED CT content for use and deployment in cancer reporting
  - The Past: Cancer synoptic worksheets –
    - Long standing artifact of anatomic pathology
    - Not well encoded by SNOMED CT content
  - The Future: Observables Model
    - New, cutting edge features of SNOMED CT concept model
    - Tightly bound to LOINC-SNOMED CT Technology Preview and Collaborative Agreement
    - How to apply in tangible fashion – cancer synoptics!

# IPaLM – The fun part!

- Regular interaction with colleagues from around the world
- Common objectives and tangible goals
  - Encode the cancer synoptic report
  - Molecular Pathology - anyone?
- Face-to-face Interaction
  - London, September 2015 – out of cycle meeting
  - Business meetings as work requires
  - Annual SNOMED CT Expo
- An opportunity to influence the direction of your profession

# Get involved in Clinical Input to SNOMED CT

Jane Millar, IHTSDO



# Get involved!

- Professional SIG's provide an opportunity for clinicians and others with a interest in a particular domain to influence the content and use of SNOMED CT
- Interesting professional debates and discussions in meetings
- A community of enthusiasts
- SIG's welcome input from all clinicians – not just experts and academics

## Example areas where you can be involved

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- SNOMED CT and ICD-11 alignment – expert reviewers for proposed new content in SNOMED CT based on chapters of ICD-11
- Functioning and activities – Subject Matter Experts to contribute to ongoing work
- Nursing – development of Nursing Interventions linkage with ICN, review and comment
- GP/FP – subset for health issues and reasons for encounter released, now needs ongoing maintenance and updating with professional oversight through the SIG
- Dentistry – development of General dentistry diagnoses subset
- Plenty of other work!

# Engagement activities

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- Area for professional SIGs and Healthcare Professionals Coordination Group on IHTSDO website
- Developed Information sheets about 4 of the professional SIGs – available at this meeting and on line
- Professional SIGs open and welcome new membership – regardless of level of knowledge
- IHTSDO developing a register of clinicians, their specific domain and interest who want to participate in IHTSDO projects
- Contact as at [info@ihtsdo.org](mailto:info@ihtsdo.org) with ‘Clinical Involvement’ in the subject line

The logo for ihtsdo, featuring the lowercase letters 'ihtsdo' in white on a blue square background.

Leading healthcare  
terminology, worldwide

THANK YOU