Our clinical data challenges...

- The real issues with electronic health records & how to solve them
- Who should determine the design of our clinical systems?
- Who should design & verify clinical data as good quality or ‘fit for purpose’?
- How can we prevent silos of data?

The focus of this seminar and workshop is to describe and demonstrate a collaborative, clinician-led approach to national standardisation of high quality, computable data specifications. This approach is gaining momentum in Australia and by overseas national eHealth programs.

Shared clinical data definitions will provide a solid national foundation to kick-start and accelerate many currently fragmented eHealth activities in Australia. They will provide a common basis for:

- recording & exchanging health information;
- data aggregation & comparative analysis;
- clinical decision support;
- ensuring that data structures are clinically verified;
- preventing vendor ‘lock in’;
- refocusing developer efforts on system ‘smarts’;
- bootstrapping new eHealth development; and
- a future ‘roadmap’ for existing systems towards national clinical data standards.

Program Outline

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Costs and Registration:

- Seminar only - $550  Student discount available. 6 CPD hours.
- Seminar & Workshop - $1320  Please register for the workshop ASAP as numbers are limited. Student discount available. 6 CPD hours.

Location: NEHTA, Level 31, 400 George Street, Brisbane.

Register online: [http://www.gehco.org/](http://www.gehco.org/)
Who should attend?

- **Seminar**: Suitable for all clinicians, vendors, decision-makers and policy-makers - essentially anyone interested in standardization of health data specifications.
    
    At the end of the seminar attendees will:
    - understand the benefits of a standardised clinical content approach and how this impacts on the quality of health data;
    - have insight into how international eHealth programs have created a vibrant community of clinicians, domain experts and implementers who collaborate to develop a shared repository of clinical data specifications;
    - understand the 'openEHR approach' to standardisation of health data & clinician engagement;
    - be able to explain an openEHR archetype or template to others;
    - be able to explain how archetypes, templates & terminology together are a powerful way to define health information; and
    - understand the principles and importance of rigorous clinical knowledge governance.

- **Hands-on Workshop**: Suitable for those who will be practically involved in archetype and template development, implementation and governance, including reviewing of archetypes.
    
    At the end of the workshop attendees will:
    - be able to ‘think like an archetype modeller’ - understand the principles of clinical requirement analysis and convert these into mind maps for collaboration;
    - participate in building archetypes and templates using the Archetype Editor and Template Designer tools installed on their laptop;
    - have achieved a basic proficiency in the use of the openEHR modelling tools;
    - have registered as a participant in an openEHR CKM; and
    - have actively participated in CKM collaborative reviews.

**Prerequisites**: None - no prior knowledge is assumed.

**Speakers:**

- **Dr Heather Leslie (MBBS, FRACGP, FACHI)**
  Heather is Director of Clinical Modelling at Ocean Informatics & Clinical Program Lead at the openEHR Foundation. She has led development of the ‘openEHR approach’ & coordinates the international CKM activities & its active online community of clinicians and domain experts from 80+ countries. She also provides training & informatics consulting to national & international health IT programs.

- **Heather Grain (ADipHIM, GradDiplIS, MHI, FACHI)**
  Heather has international and national expertise in the development, implementation, management and governance of terminologies, health data and education. She is Convenor of ISO TC215 WG3 Semantic Content, Co-Chair of HL7 International’s terminology authority, Director of eHealth Education & member of the HL7 Australia board.

- **Dr Hugh Leslie (MBBS, FRACGP, FACHI)**
  Hugh is the CEO of Ocean Informatics and member of the HL7 Australia board. He is an experienced health informatician who is leading significant archetype-enabled clinical system implementations across Queensland Health, Northern Territory Health and NSW Primary Health Networks.

- **Dr Evelyn Hovenga (RN, PhD, FACS, FACN, FACHI)**
  Evelyn is Adjunct Professor of Health Informatics at Central Queensland University, CEO of eHealth Education & Education Program Co-lead at the openEHR Foundation. She has extensive international experience & strong scientific and professional leadership expertise in health informatics.