CeGA Online software is a comprehensive electronic geriatric assessment and care planning tool to improve the care of older people through efficient online e-health solutions.

**ONLINE ASSESSMENT SOLUTION**

CeGA Online is an assessment tool custom made for today’s busy clinical environments. It was developed by The University of Queensland Centre for Research in Geriatric Medicine, in association with the Centre for Online Health and UniQuest.

University of Queensland (UQ) researchers worked closely with experienced clinicians in the field of geriatric health to develop this standardised assessment system for older patients. This web-based software solution is part of a wider strategy being developed to facilitate clinical assessment processes that improve consistency, quality of care and work flow.

**FACILITATING HOLISTIC CARE**

The online assessment solution is designed to be used both inside and outside of hospitals to ensure a more holistic and ongoing approach is taken to geriatric care before, during and after a hospital stay. The initial assessment records the patient’s pre-admission status and current status. While review and discharge assessments promote ongoing monitoring of the patient’s progress.

Throughout the development process, UQ researchers at the Centre for Research in Geriatric Medicine and the Centre for Online Health worked collaboratively with clinical users to refine and customise systems to suit their needs, before the implementation of the finished products.

One of the major benefits of CeGA Online is that this innovative assessment and reporting tool can be viewed by authorised clinicians inside and outside the hospital system, through a secure internet connection. By enabling internal and external stakeholders to communicate and share their findings, the patient assessments are more accurate and duplication is minimised making the whole process more efficient.

With all of the information needed at their fingertips, clinicians are then assisted in their recommendations by CeGA Online’s clinical decision support system. Using the information recorded, solutions are constructed via a scientifically designed suite of clinical assessment instruments developed by the interRAI research collaborative. InterRAI is an international collaboration of scientists and clinicians working together to improve healthcare for the frail, elderly and disabled.
**CeGA ONLINE FEATURES**

The easy-to-use software tool enables geriatricians to review and report assessments by producing professional, information-rich patient profiles. There are a range of profiles available for clinicians to use depending on each patient’s individual situation including - risk profiles for common geriatric events, scales and screening tools for measuring severity and supporting diagnosis of geriatric syndromes (including frailty and delirium) and profiles to highlight problems needing priority attention by clinicians.

Additional CeGA Online features include progress notes supporting ward rounds and case conferences, and the ability to message key assessment findings to external stakeholders (subject to security features which restrict access to registered users).

**TRAINING AND AVAILABILITY**

As training in the correct use of the software is critical, CeGA Online also provides extensive user training and consultation services through their training partner RAIplus. All clinical users are trained in item scoring, and interpretation of scales, screeners and risk assessment tools. Assessors are instructed in the principles of assessment and detailed item scoring. Geriatrician reviewers learn how to interpret the scores and to prepare effective reports. While system administrators learn how to register users, assign rights and manage case allocation.

Today, users of CeGa Online include all public hospitals in Queensland via Queensland Health and RES-e-CARE, a telehealth business delivering high quality geriatric assessment and care to regional hospitals and residential aged care facilities regardless of location.

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**PARTNER WITH UNIQUEST**

UniQuest is one of Australia’s leading research commercialisation companies. It specialises in global technology transfer and facilitates access for all business sectors to the world class expertise, intellectual property and facilities at The University of Queensland, Australia.

**OUR TRACK RECORD**

UniQuest enters into over 400 research contracts per year – many repeat clients from industry.

UniQuest has created over 70 companies from its intellectual property portfolio, and since 2000 UniQuest and its start ups have raised more than $490 million to take university technologies to market. UQ technologies licensed by UniQuest – including UQ’s cervical cancer vaccine technology and image correction technology in magnetic resonance imaging machines – have resulted in combined sales of final products in the order of $10 billion net sales between 2007-2013.

If you want to know more about this commercialisation story or other offerings from Health and UniQuest then contact Wilma James, Senior Director – Expertise Commercialisation by mobile +61 (0)400 726 441, email w.james@uniquest.com.au or visit www.uniquest.com.au

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**THE CeGA JOURNEY SO FAR**

- **Professor Len Gray**
  - The University of Queensland

  - CeGA Online is a web-based clinical decision support system for geriatric assessment
  - It was designed and constructed by Professor Len Gray in collaboration between the UQ Centre for Research in Geriatric Medicine and the UQ Centre for Online Health with clinical users
  - One of the major benefits of CeGA Online is that this innovative assessment and reporting tool can be viewed by authorised clinicians inside and outside the hospital system, through a secure internet connection
  - CeGA Online has been available for all public hospitals via Queensland Health since 2011
  - CeGA Online forms a part of RES-e-CARE, a telehealth business delivering high quality geriatric assessment and care to regional hospitals and residential aged care facilities