ELDAC
End of Life Directions for Aged Care

The ELDAC Digital Dashboard - Tracking End of Life Care Processes and Indicators for Reporting and Clinical Decision Making

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Background

Australia has an aging population with complex comorbid conditions

- Over 15% of Australians are over the age of 65.

- Aging population has complex health and caring needs.

Increased demand for Residential Aged Care Facility (RACF) places

- There are over 335,000 residential aged care places across Australia providing complex clinical and supportive care to older people.

RACFs are increasingly becoming the final home for growing number of older Australians.

- Over 70% of older Australians receive some form of aged care service in the last 10 weeks of their lives.

- Almost 30% of the deaths occur in the residential aged care setting.

Why the need for a dashboard

Living, aging and dying in RACFs

- Cost of care paired with finite resources

  > Innovative approaches to facilitate quality care for those who are at the end of their life.

- One of such approaches is the use of technology to facilitate quality end of life care.

Technology in aged care

| Administrative | Education | Telehealth | Clinical care | Advanced technologies |

What about technologies with considerations for end of life care?

ELDAC - Facilitating EOL care with technology

End of life Directions for Aged Care (ELDAC) project is a government-funded national project that aims to improve the quality of palliative and end-of-life care provided to older Australians in the aged care sector.

The Technology and Innovations stream of ELDAC is carrying out range of projects to develop and test technology solutions that could help aged care providers to plan and deliver quality end of life care

ELDAC Technology
and Innovation for Australian
aged care and palliative care

ELDAC Technology and Innovation Projects

Digital Dashboard
Find out how embedding the Digital Dashboard in your IT system can help you organise end of life care and support your residents or home care clients.

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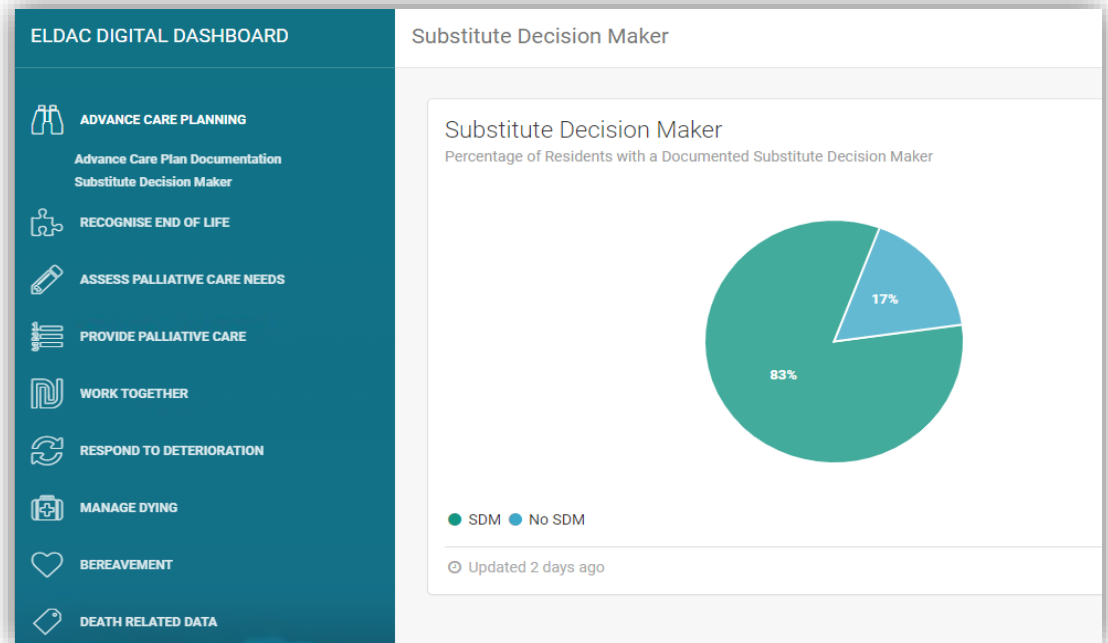
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The ELDAC Digital Dashboard

A technology that integrates within a service's clinical data management system & provides framework for quality EOL care planning and provisioning.

The ELDAC Digital Dashboard: A rigorous build process

- A literature review

- Case study interviews

- Review of aged care and palliative care policy documents and alignment with ELDAC Care Model

- Co-design workshop to finalise components

- Development guided by technical team, Technology and Innovations Working Group and Reference User Group

The ELDAC Digital Dashboard: Post prototype finalisation

Engagement with the Aged Care IT Industry (early 2020)

- EOI invited from aged care IT industry to embed the ELDAC dashboard within their system.
  Eight companies submitted and EOI > four embedded it in their system.

- Two companies were able to provide access to the dashboard to their aged care sites immediately.

- A third was able to provide access within the trial period.

The ELDAC Digital Dashboard Implementation Study

Engagement with the aged care sector (June- Dec 2020)

- A three-month implementation evaluation study across fourteen residential aged care sites.

- Each site was supported by the study team, and a site based 'Dashboard Champion' to ensure appropriate access and use of the dashboard by all relevant site staff.

- Data was collected pre and post.
  Services provided a snapshot of activity.
  Logs of issues and opportunities captured through regular site contact.

Evaluating the implementation of the Dashboard

Who was involved ?

72 staff consented, 57 took part in the focus groups and/or the interviews

- Majority were RNs and ENs involved in direct care provisioning role.

- Between 10-20% were Clinical Nurse Consultants involved in broader care planning role.

What did we find out?

- Dashboard embedded within existing IT systems provided an opportunity to support existing work processes.

- Dashboard presented a useful mechanism to prompt clinical actions, track care needs and enable reporting to management.

Results from the Implementation Study

Results suggest:

- It is feasible to work collaboratively with the residential aged care sector to implement an end-of-life dashboard.

- Participants saw value and found it supported end of life care.

- There is a basis for implementing the dashboard more broadly.

Using the dashboard can help us organise care.

What can the ELDAC Digital Dashboard offer?

- The ELDAC Digital Dashboard can be integrated into clinical care systems.

- It is based on ELDAC Care Model.

- It has been implemented and tested in a research study.

Strengths of The ELDAC Digital Dashboard

- **Adaptable**
  Works with the tools, processes and mechanisms of care already in place at a service/IT system level.

- **Not a stand-alone technology**
  Seamless integration into existing clinical data management system.

- **Evidence based product**
  Based on relevant aged care policy, guidelines and end of life care evidence.

- **No duplicate data entry**
  Dashboard uses data that is collected within the service's IT system, so no need to feed data.

- **Provides real time data**
  No need to wait to view care summaries and prompts.

What can the ELDAC Dashboard offer care provision?

Palliative and end-of-life care is core business of aged care

- The dashboard helps improve, track and report your palliative and end of life care practices.

Offers the mechanism for you to sustain learnings and achievements visualised and gained via the Dashboard.

The ELDAC Digital Dashboard helps:

- Clinical staff: Prioritise care, carryout relevant EOL care assessment, reduce gaps in clinical documentation.

- Managers: Track performance and carry out audits/self-assessment

- Organisation: Report service level EOL care practices

Sustaining practice with the ELDAC Dashboard

The data that the dashboard tracks and presents to you are all the data points of interest for the Commonwealth:

- ACP, Substitute decision maker, identifying resident's decline, assessing and providing palliative care etc.

So, how can your service get the ELDAC Dashboard?

Sounds hard? It's not!

How can your service get the ELDAC Dashboard?

- The ELDAC Flinders team can supply the dashboard prototype codes, integration manual and data variable guides.

- Our team can help you in your dashboard related discussion with your IT provider.

- The Dashboard is not a complicated upgrade and it is part of what all IT companies should be providing.

  - **End of life/palliative care and technology are two key issues in aged care**

- Dashboard can be integrated by external IT company OR having a local version built by in-house IT teams.

- If you have an inhouse IT department, they can build the dashboard within their own system without additional resources.

If you are interested in finding out more about the ELDAC Digital Dashboard please contact eldac.project@flinders.edu.au

Thank you AND lets stay connected

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