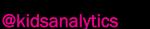


Centre for Health Analytics Moving beyond digitisation to disruption; Delivering data enabled transformation in the hospital



Director

Kate Lucas

Centre for Health Analytics The Royal Children's Hospital Melbourne, Australia



Centre for Health Analytics

Unleashing the power of data to improve health

healthanalytics.org.au







Putting the patients back into our data



Alport syndrome

- 1 in 5000 people
- Genetic, degenerative, kidney failure in third or fourth decade
- Genetic testing now funded
- Early symptom is persistent microhaematuria
- ACEi can delay kidney failure by a decade





Alport syndrome

- Mined EMR data for microhaematuria that hadn't been followed up
- Over 4000 patients met criteria
- 1297 patients have been contacted for additional testing
- 15/248 have persistent microhaematuria
- 2 patients has been diagnosed with Alport Syndrome
- 7 waiting on genomic results
- Over 60% of the initial cohort still to receive additional testing.





Dr Gráinne Butler MB BCh BaO MRCPCH, CHIA PhD Student Honorary Fellow, Department of Nephrology, The Royal Children's Hospital Centre for Health Analytics

Ten years after Airlea's diagnosis, the game has changed.





Data democratisation



What is data democratisation?

...the ongoing process of enabling everybody in an organisation, irrespective of their technical know-how, to work with data comfortably, to feel confident talking about it, and, as a result, make data-informed decisions...

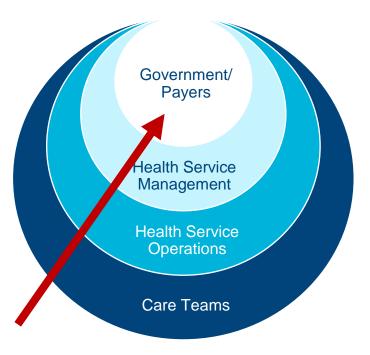
https://dataled.academy/





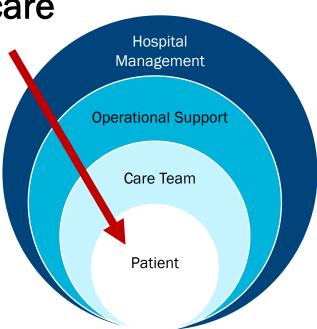


Common Analytic Support Model















Centre for Health Analytics Unleashing the power of data to improve health



Data systems



Interoperability



Research



Melbourne Children's A workd Nador in chub and addescont rhealth Becordd 2 The food 27Advers Hoped & Reconstant

Workforce



Engagement









Centre for Health Analytics

Unleashing the power of data to improve health

