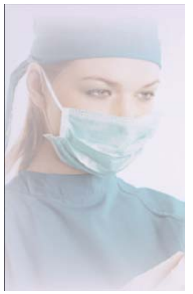
Why Are We Talking About Broadband Here?

Lawrence Paratz

CEO

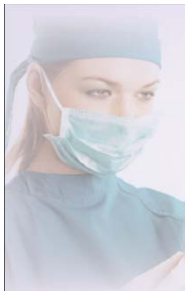
Acacia Australia Pty Ltd



acacia Australia

The Consumer View

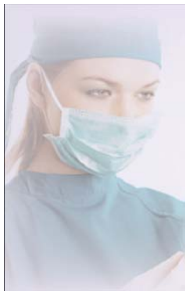
- Cheaper Internet
- Fast Data Speeds
- Wide Range of Consumer Content Delivery
- Wide Availability
- TV and Video delivery
- Competition
- Better pricing and fewer limits



acacia Australia

The Infrastructure View

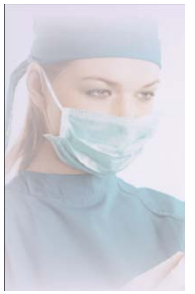
- An enabling infrastructure
- Parallels to clean water, sanitation, electricity and transport
- Transformational
- Outcomes from the Applications
- Disruptive, not incremental
- Returns to the nation right across the economy - Internationally important



acacia Australia

The Ecosystem

- Pervasive
- Multi-technology
- Technology Agnostic
- Impacts right along and across the Health Value Chain from Research to Delivery
- Involves you and your customers
- Shift from “presentation based” to “monitoring based” and “excellence based”



acacia Australia

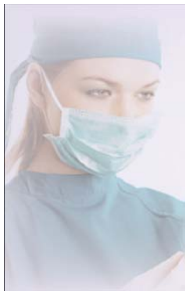
Current Approaches and Outcomes

The Same, Done Better

Process Improvement

New Medicine

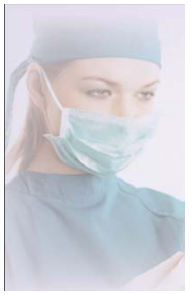
New Possibilities



acacia Australia

Medicine - The Same Done Better

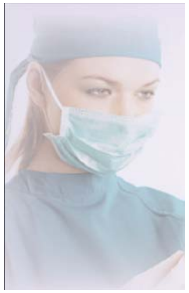
- Faster
- Cheaper
- Better Access to knowledge
- Reductions in Travel
- Earlier diagnosis and management planning
- Records Management and Access



acacia Australia

New Medicine – An Oncology Example

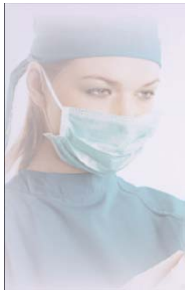
- Time and experience are of the essence
- Presentations approximately once per year at a major specialist hospital
- Senior Specialist manages only 30 to 40 cases in a career
- Presentations in a non-specialist environment possibly only 0.1 per career
- Achieving critical experience mass has multiple outcomes
  - Specialist can experience 30 to 40 times per year, not career
  - Mass allows a team capability to be developed
  - This translates directly to patient outcomes
  - Becomes an export and innovation opportunity



acacia Australia

New Medicine

- Creation of Deeper Experience Pools leading to new outcomes
- Creation of Export Opportunity
- Transition from Presentation and Case based management to C2G health management
- Export and Innovation Opportunities
- Trans-national specialisation leading to deeper and less duplicative research and progress
- New techniques and procedures

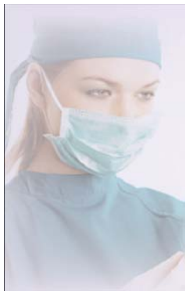


acacia Australia

So What Needs to Happen?

- Establishment of a National Broadband Infrastructure
- Establishment of the innovation and application ecosystem to create and deliver the outcomes

The Ball is with You



acacia Australia