

# HIMSS Europe CIO Summit Presented by HIMSS Analytics Europe

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**Closing Keynote**

# **Daring to be Different**

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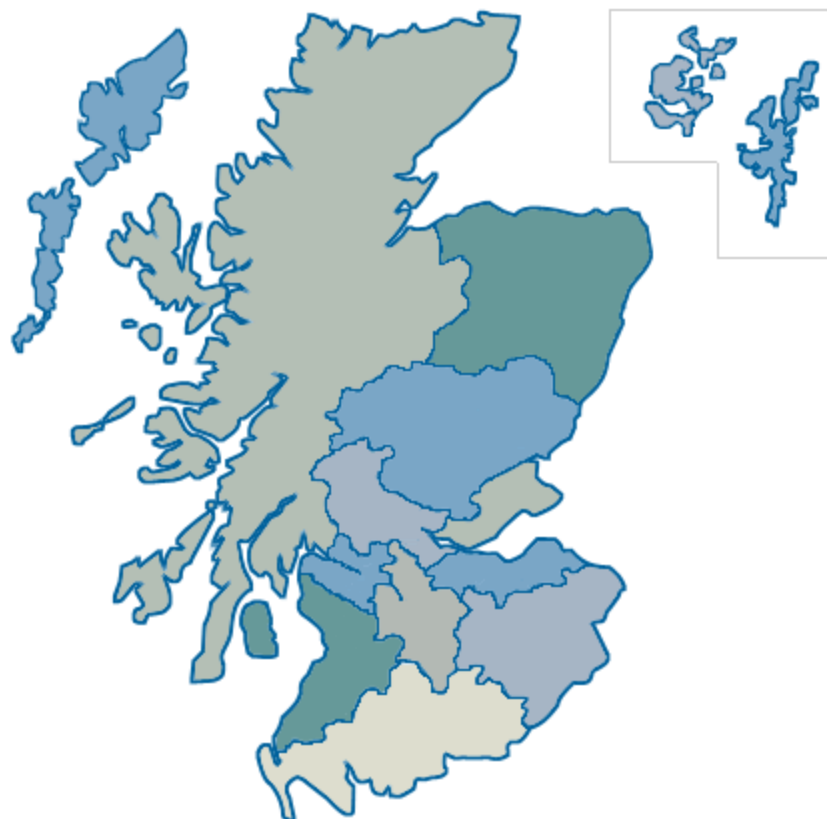
15 Health Boards

Population 5.2 million

Life expectancy F 80.1 M 75.3

78,772 sq km

~800 km North to South



# The Challenges facing us all

- Aging Population
- Financial constraint on a global basis
- Increasing cost of technology & healthcare
- Rising expectations
- Limited investment in development
- Increasing knowledge base
- Challenges in medical education

# What have we learnt?

- What is an EHR?
- Making it work
  - Unified records
  - Organisational change
  - More than one way forward
- Accelerating care with Telemedicine
- Doing it in the Cloud – Owning a Cloud
- Clinical Decision Support
- ROI, making the case v.s. Delivering more care
- Finding the optimum size?

# What is an EHR?

- Many definitions – generally variations on a theme
- Is it a product or is it a concept?
- ***“A structured collection of clinical information & data held & accessed electronically which enables clinicians to consult & treat patients safely and efficiently without resort to paper records.”***
- Primary Care in Scotland achieved this years ago
- Secondary care is the challenge.....

# Making it all work

- It is about unification of records
- It is about sharing of data
- It is about reuse of data for multiple purposes
- It is about clinical ownership
- It is about delivering benefit for:
  - The patient – better care
  - The healthcare professional – informed care
  - The provider organisation – more efficient care
- It is about enabling change
  
- It is NOT about specialist niche care
- It is NOT about forcing change

# So what are the alternatives?

- Single system
- Single provider
- Using what you have
- Integration technology
- Portal solutions
- Shared information repositories
- Structured communication
- Standardisation

# Telemedicine in the jigsaw?

- Enabling communication with patients
- Benefits in Chronic conditions
- Remote monitoring
- Communicating with care providers
- Accelerating response in acute illness
- Information infrastructure

# Managing exponential growth

- Rate of information growth
- Virtualisation
- Cloud computing
- Local clouds
- Resilience & Reliability

# The information explosion

- Managing the knowledge base
- Measuring outcome
- Understanding information
- Optimising outcome
- Guiding care
- Decision support

# Realising Benefits v.s. Delivering more care

- Financial drivers
- Meeting patient and political expectations

# The optimum size?

- National – Regional – Local
- The benefits of scale
- Fixed v.s. marginal costs
- Is there too big?

# Conclusion

- Clinical Involvement / Ownership
- Tangible benefits for all
- No perfect way forward
- There are benefits of scale
- Natural communities
- The future holds unknown unknowns

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# Questions?



**Thank you  
&  
Safe journey home**

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