

## INTRODUCTION

- ◆ Nursing informatics as a recognised discipline began to emerge in the 1950s and 1960s in the United States.
- ◆ From here the speciality expanded internationally as nurses in other countries saw the potential for technology to improve nursing and patient care.
- ◆ In Scotland, an ICU nurse based in Edinburgh, Derek Hoy, realised the benefits electronic health records and other forms of IT could bring to the National Health Service (NHS).



## BACKGROUND

- ◆ A Florence Nightingale Foundation Scholarship enabled Derek to study health information systems in the United States, with eminent scholars such as Dr Virginia Saba, Dr Susan Grobe & Dr Diane Skiba.
- ◆ He returned with in-depth knowledge of nursing informatics and health informatics more broadly.
- ◆ Derek quickly applied in the development of a number of novel initiatives that improved frontline services and patient care in Scotland and beyond (O'Connor & Hardiker, 2017).

## AIMS

- ◆ To explore the professional career of Derek Hoy, a nursing informatician.
- ◆ To examine the impact of his clinical, educational & research practice on nursing.

## METHOD

Literature review of his published research.

Interviews with Derek Hoy's colleagues and family.

Thematic analysis of qualitative data using the framework approach.

His most ambitious and successful eHealth project was the ALISS (Access to Local Information Systems to Support Self-Management) which is still in use supporting people with long-term conditions in Scotland today

Derek was an accomplished fiddle player & supported Scottish folk music.

Derek won a prize for best paper on "A feasibility study on clinical templates in NHS Scotland" at the 2007 MEDINFO conference (Hoy et al, 2007).

## RESULTS

Derek developed numerous electronic applications including AGNIS (A Generic Nursing Information System) to capture nursing assessments, interventions and care plans.

## RESULTS

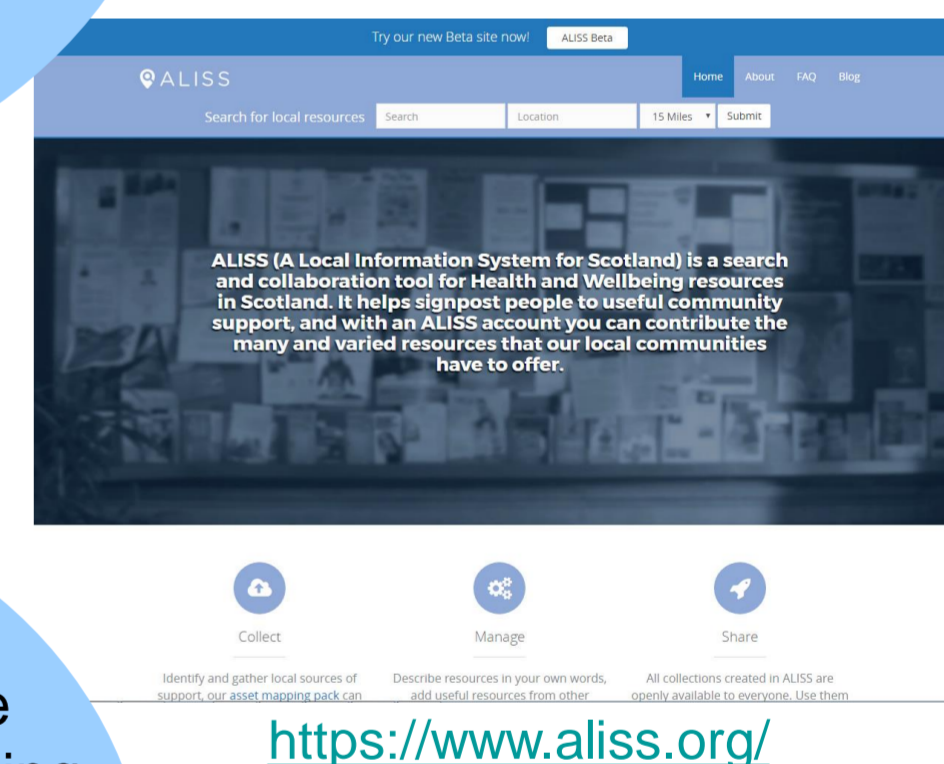
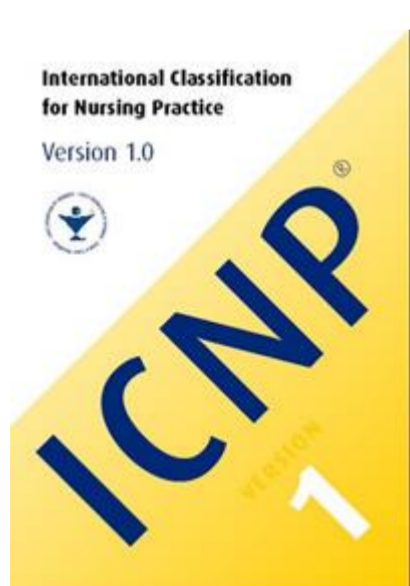
Derek worked on the Scottish Health Service EPPIC (Effective Purchasing and Providing in the Community) project to use minimum patient and nursing datasets in combination with mobile devices to improve care delivery.

He taught nursing and informatics at Glasgow Caledonian University.

MEDINFO 2007  
BRISBANE AUSTRALIA



He worked with international colleagues on the International Classification for Nursing Practice (ICNP) a data standard for nursing and patient records.



<https://www.aliss.org/>

## CONCLUSION

- ▶ Derek Hoy's writing and work spans a 20 year timeframe from the early 1990's right up until his death in 2012 (Hoy & Hyslop, 1995; Hoy et al, 2009).
- ▶ This demonstrates a clear commitment to developing nursing informatics as an important clinical and academic speciality in the United Kingdom and further afield.
- ▶ He influenced many in the profession to pursue clinical careers that utilised technology to the fullest and he will continue to inspire the next generation of nursing informaticians.

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