

Retrospective evaluation of a sequential digital dermoscopic surveillance service (mole mapping) for patients who have an increased risk of developing melanoma

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# Project aims and objectives

- The aim of this evaluation is to ensure that the service meets the needs of the stakeholders and has achieved the intended outcomes:
  - positive patient experience and good compliance
  - reduction in the number of benign naevi removed
  - early detection of dysplastic naevi and melanomas.
  - Clinicians able to access images and understanding the technology
- Part of my initial aim was to assess the cost effectiveness of the service. I have now abandoned this idea! Another way of addressing this would be to undertake an impact analysis looking at the lives saved by early detection of melanomas. The cost of this intervention both financially and psychologically is hard to assess.

- **Activity to date:** literature search - dermoscopy, patient satisfaction / support / reassurance.
- Assessing the information available
- SWOT analysis of service
- Started to formulate a patient questionnaire
- Discussed with clinicians their views on service
- Number crunching?

## Future:

- More number crunching / data analysis.
- Patient survey

# Resources

- Databases:
- Library - MDGH
- Peter Wilson: Research & innovation Clinical Lead  
NHS Eastern Cheshire CCG
- Research Team, MDGH
- Seonnaid Beddows - Research Admin Manager
- NIHR - Introduction to Good Clinical Practice for  
secondary Care

# Obstacles/challenges faced

- Managing time and keeping focus.
- Other peoples objectives and ideas.
- Work taking priority
- Finding a room and time to be able to access the 'number crunching' information
- Having to access the information required via several different systems
- Information and patients getting lost in the transfer across organisations / missing data!

# Reflections

- Reflections: I enjoyed the class work and interacting with others on the group. I have found working independently quite frustrating due to commitments / time constraints difficulty keeping focused/ accessing a room /information? Overall stimulating.
- Lightbulb moment - a wonderful piece of research by Argenziano G, Kittler H Ferrara G et al (2010) Melanomas with different network patterns grow at different speeds. Therefore, should be brought back at different time intervals
- Thought to share: keep it simple!

# Next steps & support

- Support requirements: data analysis & how to present it.
- Patient questionnaire to assess reassurance / support provided by the service.