

Additional material 2: Main themes and categories derived from the analysis.

Themes and categories
<p><i>Prior experience</i></p> <ul style="list-style-type: none">• Prior personal experiences of genetic condition• Prior experience ordering a genetic test• Prior experience caring for patients with genetic condition• Prior experience referred patient for genetic counselling• Prior knowledge of genetics professionals.•
<p><i>Changes in confidence</i></p> <ul style="list-style-type: none">• Changes in confidence about genetic skills pre-education• Changes in confidence in management of patients• Changes in confidence ordering genetic tests• Changes in confidence in providing counselling• Changes in confidence to provide screening information• Changes in confidence to provide psychosocial support after genetic test result• Changes in confidence to be informal resource to other health professionals.
<p><i>Changes in knowledge</i></p> <ul style="list-style-type: none">• Changes in knowledge of genetics• Changes in knowledge of genetic conditions• Changes in understanding what happens in genetic services• Changes in knowledge of prenatal issues• Changes in awareness of need for counselling• Changes in knowledge of genetic tests• Changes in knowledge of genetic disease.
<p><i>Changes in practice</i></p> <ul style="list-style-type: none">• Application of knowledge• Overall changes in clinical practice• Changes in referral behaviour• Changes in genetic risk assessment• Changes in completeness of family history information• Changes in contact with genetic services• Changes in risk assessment of patients with cancer family history• Changes in ability to discuss/refer to genetic services• Increased awareness of genetics when seeing patients• Changes in importance given to family history• Changes in use of family history.

Satisfaction and feedback

- Satisfaction with course
- Views on web-based course delivery.

Other

- Use of software for family history cancer assessment
- Changes in patient knowledge
- Changes in patient risk perception
- Changes in attitude to genetic testing.