



**Welcome to the 6th meeting of the
WEO CRCSC
Expert Working Group
'FIT for Screening'**

Vienna

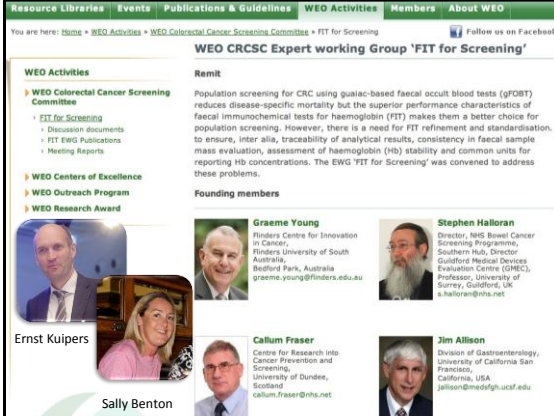
**Friday 17 October 2014
08:30 – 11:00 hrs**

Chair: Stephen P. Halloran



Founding members:
Jim Allison, University of California San Francisco, USA
Callum Fraser, University of Dundee, Scotland
Stephen Halloran, NHS Bowel Cancer Screening Prog., Uni. of Surrey, UK
Graeme Young, Flinders University, Australia

**World Endoscopy Organization
Colorectal Cancer Screening Committee
Expert Working Group 'FIT for Screening'**



WEO CRCSC Expert working group 'FIT for Screening'







WEO Activities

- WEO Colorectal Cancer Screening Committee
- FIT for Screening
 - Discussion documents
 - FIT FITS Publications
 - Meeting Reports
- WEO Centers of Excellence
- WEO Outreach Program
- WEO Research Award

Remit


Population screening for CRC using guaiac-based faecal occult blood tests (gFOBT) reduces disease-specific mortality but the superior performance characteristics of faecal immunochemical tests for haemoglobin (FIT) makes them a better choice for population screening. However, there is a need for FIT refinement and standardisation, to ensure, inter alia, traceability of analytical results, consistency in faecal sample mass evaluation, assessment of haemoglobin (Hb) stability and common units for reporting Hb concentrations. The EWG 'FIT for Screening' was convened to address these problems.

Founding members

 Ernst Kuipers	 Sally Benton	 Graeme Young Finders Centre for Innovation in Cancer, Flinders University of South Australia, Bedford Park, Australia graeme.young@flinders.edu.au	 Stephen Halloran Director, NHS Bowel Cancer Screening Programme, Southern Hub, Director Guildford Medical Devices Evaluation Centre (GMEC), Professor, University of Surrey, Guildford, UK s.halloran@surrey.ac.uk
		 Callum Fraser Centre for Research into Cancer Prevention and Screening, University of Dundee, Scotland callum.fraser@dundee.ac.uk	 Jim Allison Division of Gastroenterology, University of California San Francisco, California, USA jallison@medsfgh.ucsf.edu

EWG related FIT Publications (This year - 4 published, 2 pending)

- Allison JE, Fraser CG, Halloran SP, Young GP. Comparing faecal immunochemical tests: improved standardization is needed. *Gastroenterology* 2012;142(3):422-4.
- Allison JE, Fraser CG, Halloran SP, Young GP. Population screening for colorectal cancer means getting FIT. The past, present, and future of colorectal cancer screening using FIT. *Gut and Liver* 2014;8:117-30.
- Carroll MRR, Piggott C, Pearson S, Seaman HE, Halloran SP. Evaluation of quantitative faecal immunochemical tests for haemoglobin. Guildford, UK: Guildford Medical Device Evaluation Centre (GMEC), November 2013.
- Fraser C, Halloran S, Allison J, Young G. Making colorectal cancer screening FITTER for purpose with quantitative faecal immunochemical tests for haemoglobin (FIT). *Clinical Chemistry and Laboratory Medicine* 2013;51(11):2065-7.
- Fraser CG, Allison JE, Halloran SP, Young GP. A proposal to standardize reporting units for faecal immunochemical tests for hemoglobin. *J Natl Cancer Inst* 2012;104(11):810-4.
- Fraser CG, Allison JE, Young GP, Halloran S. Newer fecal tests: opportunities for professionals in laboratory medicine. *Clinical Chemistry* 2012;58(6):963-5.
- Fraser CG, Allison JE, Young GP, Halloran SP, Seaman HE. A Standard for Faecal Immunochemical TestTs for Haemoglobin Evaluation Reporting (FITTER) (Letter). *Annals of Clinical Biochemistry* 2014;51(2):301-2.
- Fraser CG, Allison JE, Young GP, Halloran SP, Seaman HE. Improving the reporting of evaluations of faecal immunochemical tests for haemoglobin: the FITTER standard and checklist. *European Journal of Cancer Prevention* 2014. Epub 27 February 2014.
- Fraser CG, Allison JE, Young GP, Halloran SP. Quantitation of hemoglobin improves fecal immunochemical tests for noninvasive screening. *Clinical Gastroenterology and Hepatology* 2013;11(7):839-40.
- Halloran SP. Screening: Colorectal cancer screening - insights and challenges. *Nature Reviews Gastroenterology & Hepatology* 2014;11(10):586-7.
- Young GP, Fraser CG, Halloran SP, Cole S. Guaiac based faecal occult blood testing for colorectal cancer screening: an obsolete strategy? *Gut* 2012;61(7):959-60.
- Young GP, Senore C, Mandel JS, Allison JE, Atkin WS, Bossuyt P, et al. Recommendations for a step-wise comparative approach to the evaluation of new screening tests for colorectal cancer. (Pending).
- Young GP, Symonds EL, Allison J.E., Cole SR, Fraser CG, Halloran SP, et al. Advances in faecal occult blood tests – the FIT revolution. *Digestive Diseases and Sciences* (in press).



Developing a FIT-based CRC Screening Programme - challenges, opportunities and lessons learnt

Programme design... implications for FIT – Ernst Kuipers (Chair)

- Overview of issues to consider – Marie-Louise Heijnen, Iris Lansdorp-Vogelaar (the Netherlands)
- Maximising uptake to the target population – Christian Von Wagner (UCL, UK)
- FIT & primary care involvement – Catherine Dubé (Ontario, Canada)
- FIT cut-off, screening intervals, resource implications – Ernst Kuipers (the Netherlands)
- Who should perform the FIT analysis? – Callum Fraser (Dundee, Scotland)

Lessons learnt – Rolf Hultcrantz (Sweden), Alan Smith (Ireland), Isabel Portillo Villares (Spain)

Procuring, evaluating and piloting... the right FIT product for you – Sally Benton (Chair)

- FIT procurement – Sally Benton (Guildford, UK)
- Evaluating FIT products – Stefano Rapi (Florence, Italy)
- Piloting new FIT programmes – Paula McDonald (Scotland), Stephen Halloran (England)

Maintaining quality... in FIT CRC screening programmes – Callum Fraser (Chair)

- How good should FIT analyses be? – Callum Fraser (Scotland)
- What to monitor, what to control – Paula McDonald (Scotland)
- External Quality Assessment Schemes – Jane French (UK)

Free papers – Josep Maria Augé Fradera (Spain), Isabel Portillo Villares (Spain)