

COMET – CROWN – PERISTAT - INOSS



**SOPHIE ALEXANDER
EPEN MEETING
GLASGOW 19 NOVEMBER 2014**

Outline



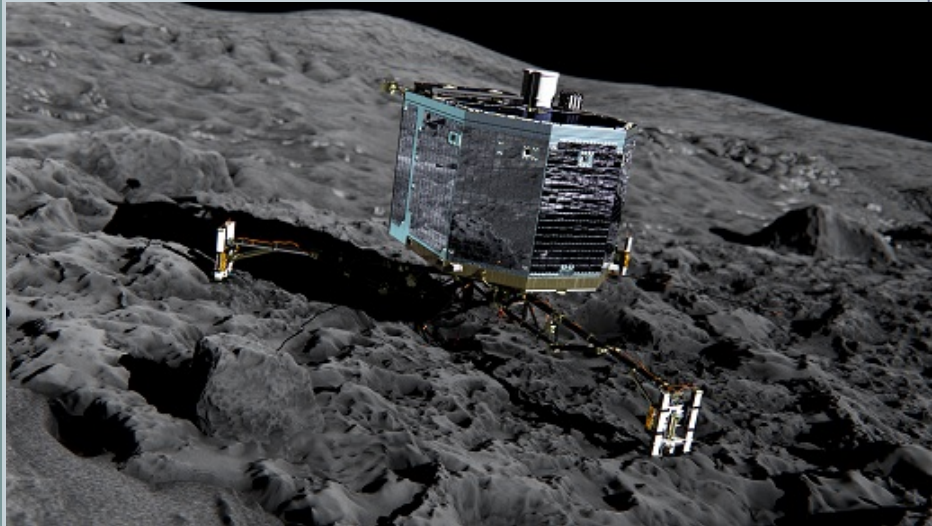
1. A few words of information and links
 1. COMET
 2. CROWN
2. Should we (EURO-PERISTAT) take action? With INOSS? If yes, practical aspects?

1. Information and links



**COMET
CROWN**

COMETs: 1066, 2011, or 2014?



Philae lands on comet
67P/Churyumov-Gerasimenko
2014



King Harold observes the 1066
Passage of Halley's comet
(Bayeux Tapestry, 1066-83)

COMET initiative 2011 see 5 next slides from COMET website



**Core Outcome Measures in Effectiveness
Trials**

www.comet-initiative.org

Core outcome set



- An agreed standardised set of outcomes that should be measured and reported, as a minimum, in all clinical trials in specific areas of health or health care

Core outcome set **and Euro-Peristat indicators**

- Consider both benefits and harms
 - See EURO-Peristat indicators of normal birth
- The minimum (other outcomes can be collected)
 - 10 core and less than 35 total
- Focus is on trials of effectiveness
 - Focus on importance and feasibility
- “What” to measure, then “How” as in E-Peristat

Guidelines and Guidance

Using the Delphi Technique to Determine Which Outcomes to Measure in Clinical Trials: Recommendations for the Future Based on a Systematic Review of Existing Studies

Ian P. Sinha^{1*}, Rosalind L. Smyth^{1†}, Paula R. Williamson^{2†}

1 University of Liverpool, Alder Hey Children's Hospital, Liverpool, United Kingdom, **2** Department of Biostatistics, Faculty of Medicine, University of Liverpool, Liverpool, United Kingdom

As Euro-P did twelve years ago?

In the COMET initiative



- **COS: Core Outcome Sets differ from PERISTAT core indicators**
 - Intended for the world of RCTs
 - Focuses on outcomes and not on exposures and confounders
- **COS: Core Outcome sets are similar to the PERISTAT initiative (10 years on scientifically /**
 - Appropriate / necessary for comparisons
 - Aimed at broad set of stakeholders
 - Developed scientifically / Delphi process
 - Specific scope

CROWNs (solar, daisy and core outcomes



2014, CROWN initiative

COMET Core outcome networks / groups / collaborations



- Rheumatology (OMERACT)
- Eczema (HOME)
- Pain (IMMPACT)
- Women and Babies Health and Wellbeing Action through Trials (WOMBAT)
- alls Network (PROFANE)
- Wounds (EWMA)
- Dialysis (ADQI)
- Lupus (EUSCLE)
- Myositis (IMACS)
- Pediatric Rheumatology (PRINTO)
- Core Outcomes in Women s Health (CROWN)
- Etc...

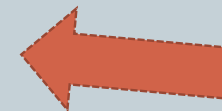


Figure 1.

Resolution: **standard** / [high](#)



1. Form a consortium among all gynaecology-obstetrics and related journals to promote core outcome sets in all areas of our specialty.
2. Encourage researchers to develop core outcome sets using robust consensus methodology involving multiple stakeholders, including patients.
3. Strongly encourage the reporting of results for core outcome sets.
4. Organise robust peer-review and effective dissemination of manuscripts describing core outcome sets.
5. Facilitate embedding of core outcome sets in research practice, working closely with researchers, reviewers, funders and guideline makers.

www.crown-initiative.org

Aims of The CROWN Initiative.

Khan *et al.* *BMC Pregnancy and Childbirth* 2014 **14**:199 doi:10.1186/1471-2393-14-199

[Download authors' original image](#)

56 journals participate in CROWN



- 1. AOGS; 2. AJOG; 3. Am J Perinat; 4. Arch Gyn Obs; 5. ANZ J Obstet Gynaecol; 6. Best Practice & Research: Clinical Obstetrics & Gynaecology; 7. Birth; 8. BJOG; 9. BMC Preg Childbirth; 10. BMC Women's Health; 11. Climacteric; 12. Clinical Obstetrics and Gynecology; 13. Clinics in Perinatology; 14. Cochrane Menstrual Disorders and Subfertility 15. Cochrane Pregnancy and Childbirth; 16. Contraception; 17. Current Opinion in O & G; EJOGRB; 19. FertilSteril; 20. Fetal Diag Ther; 21. Ginekologia Polska; 22. Gynecological Surgery; 23. Gynecologic Oncology; 24. Gynecologic Oncology Reports; 25. Hum Fertil; 26. Hum Repr; 27. Human Reproduction Update; 28. Hypertension Preg; 29. Int J Fertil Steril; 30. Int Breastfeeding J; 31. Int J Gyn Obs; 32. Int Urogyn J; 33. J Fam Planning and RH; 34. J Gyn Oncol; 35. J Lower Gen Tract Dis; 36. J Midwifery & Wom H; 37. J Obstet Gynaecol; 38. J Obstet Gynaecol Canada; 39. J Obstet, Gynecol Neonat Nursing; 40. J Perinat Neonat Nursing; 41. J Perinat Med; 42. Maturitas; 43. MCN Am J Mat Child Nursing; 44. Przegląd Menopauzalny; 45. Menopause J North Am; 46. Neurourol Urodyn; 47. Obstet Gynecol; 48. **Paed Perinat Epidemiology**; 49. Placenta; 50. Prenat Diag; 51. Reprod Health; 52. Breast J; 53. EJCRHC; 54. Obstetrician Gynaecologist (TOG); 55. Twin Research and Hum Genet; 56. Ultrasound Obstet Gynecol

5 Aims of the core outcomes in CROWN



- Form a consortium among journals to promote core outcome sets
- Encourage researchers to develop core outcome sets using robust methodology
- Encourage reporting using these COS
- Peer review and disseminate manuscripts describing COS
- Facilitate EMBEDDING of COS research practice (?) working closely with researchers, reviewers, funders and guideline-makers

2. Should we (EURO- PERISTAT) take action?



**WITH INOSS?
IF YES, PRACTICAL ASPECTS?**

Two parallel endeavours?



- **PERISTAT indicator definition**
 - Not acknowledged in either COMET or CROWN
 - However INOSS project to work on maternal morbidity echoed positively to using Euro-P definitions
 - JZ on editorial board of one of the journals
- **Should we write a short paper on PERISTAT indicators**
 - Outcomes
 - Discussing why Comet-Crown are not seeking to standardize exposition?

Other ideas?

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