

### **DIRUM** workshop

### Introduction & Objectives





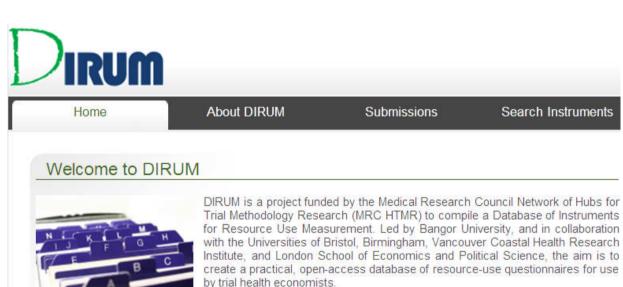
## **Why DIRUM?**

- Patient-reported resource use measures (RUMs) are with us for the foreseeable.
- Well-respected tools available, but not suitable for every circumstance.
- A lot of modifications / reinventing of wheels going on.
- No open-access repository.





### **Mathematical Methods <b>Methods Methods <b>Methods Methods <b>Methods Methods <b>Methods Methods <b>Methods Methods Methods Methods Methods <b>Methods Methods Methods Methods <b>Methods Methods Methods <b>Methods Methods <b>Methods Methods Methods <b>Methods Methods <b>Met**



http://www.dirum.org/





## Why this workshop?

- RUM is the Cinderella of health economics
  - Outcomes (n=7)
  - Policy/NICE (n=4)
  - Models/Analysis (n=2)
  - RU/Costs (n=0)



RUM is also a moving target







## Strengths and weaknesses of existing resource use instruments

- What do we know about the feasibility of existing RUMs
- What do we know about the validity of existing RUMs
- Do we need 'short-form' versions of existing RUMs?
- Do we need new 'generic' RUMs? (what are the gaps with existing RUMs)?





### **Methods of validation**

- Best practice to measure the validity
  - Face validity
  - Reliability
  - Convergent / Discriminant validity
  - Criterion validity?
- Is there evidence that administration mode (face to face / telephone) matters?
- Is there evidence that the type of RUM (e.g. diary / questionnaire) matters?
- Do we know what the maximum optimal recall period is?





Generic, modular and disease-specific resource use instruments

- Involving patients in developing new questionnaires
- When is study modification of existing RUMs to fit the disease/study OK?
- Should we be developing condition-specific RUMs or modules (as with PROMS)?
- Do we need new age-specific RUMs?
- Do we need new perspective/setting-specific RUMs?





### Other issues

- Preventing / dealing with missing RU data
- Do we need to sample all patients at all centres at all timepoints?
- Can RUMs ever be transferrable between countries?
- Etc.





### **Coutputs**

- Chance to meet and discuss the issues
- Hear about ongoing research
- Produce a report on the workshop proceedings
- Develop a research agenda





#### **Review**

### Assessing the costs of healthcare technologies in clinical trials

K Johnston MJ Buxton DR Jones R Fitzpatrick

#### **Data collection**

- determining appropriate recall periods for data collection.
- determining the validity and reliability of resource-use data collection instruments.
- development of standard questionnaires for patient costs.

#### Research funders

• assist in the process by the establishment of an archive of data collection instruments and of empirical data sets.



