

Project Aim and Objectives for
Informed Decision Making (IDM) for patients with Arthritis of the Knee who are
considering their treatment options, including knee replacement

An Exemplar project for the NHS Institute
November 2007 – April 2009

website: www.informeddecisionmaking.org.uk

Project Aim:

To develop a decision aid to support patients, with symptomatic arthritis of the knee, as they consider their treatment options, including knee replacement surgery for routine use within the English NHS.

Project Objectives:

- Select and modify measures to be used to predict the benefit and risk of knee replacement surgery using variables such as co morbidities, symptom severity, age and other required measures to assess the operative and post operative benefits and risks from knee replacement surgery
- Taking into account the published literature create a statistical model to predict individual health gain and risk based upon a patient's baseline variables
- Develop an informed decision making aid, to assist patients contemplating knee replacement surgery for OA Knee. The aid would be used as part of the consultation by the patient with support, as appropriate, from, for example, a specialist nurse, therapist or health coach. The aid will include both general information and a component to predict individual risk and benefit
- Production of the Decision Aid onto a patient friendly web based application
- Pilot Sites will be used to test, within routine clinical practice, the knee replacement surgery decision aid (which will include benefit and risk personalised prediction, and routine outcome measurement)
- Following implementation in pilot sites use the evidence to refine the final knee replacement surgery decision aid incorporating professional and patients views
- Ensure this patient decision aid is compatible with the outline required of a PROM in the NHS Operating Framework (required in 2009/10). Routine collection of outcome data will be used to improve the predictive power of the decision aid
- Define the generic process required to develop, pilot and refine and implement a shared decision making process