



Methodology development and pilot implementation of prosthetic implant registers in the National Health Service

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Introduction

- The Spanish Ministry of Health published a ministerial order (ORDEN SCO/3603/2003 December 18th) by which the Implants' National Registers were created

Objectives

1. Review previous experiences on joint registers development.
2. Develop and implement a pilot joint register.
3. Analyse arthroplasties characteristics in the National Health Service and expand the joint register development and implementation.

Methods: phase 1

International and national experiences

- Literature and Internet search and contact with key people
- Identified and perform in depth interviews
- Consensus through Delphi technique

Methods: phase 1

Final products

- International experiences
- National experiences
- Proposal structure, functioning and contents of a joint register in the NHS

Methods: phase 2

Pilot test

- Implementation proposal phase 1 (Delphi)
- Centres selection and information system development
- Prosthesis catalogue development

Methods: phase 2

Final products

- Structure and functioning
- Data quality review
- Experience and descriptive analysis of the information
(data quality)

Methods: phase 3

National Health Service Register

- MCDB analysis (ICD-9-CM 81.51-81.55):
Patients', hospitals' stay and centres' characteristics trends in Spain
- Web page development (NHS Register)
- Prosthesis catalogue development

Methods: phase 3

Final products

- MCDB analysis results
- Experience description
- Proposal of data analysis
- NHS Register results

Schedule

Project stages	2006						2007												
	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12
Phase 1																			
Development																			
International revision																			
National revision																			
Interviews and agreement																			
Report																			
Phase 2																			
Development																			
Information system																			
Validation and analysis																			
Catalogue																			
Report																			
Phase 3																			
Development																			
MCDB analysis																			
Information system																			
Implementation																			
Validation and analysis																			
Web page																			
Catalogue																			
Report																			