

# EndoCost



First ever prospective international study on cost and quality of life in 12 tertiary centres in ten countries (n=905)

## INCLUSION CRITERIA:

Women diagnosed with endometriosis and one endometriosis-specific centre contact in the calendar year of 2008.

- Prospective patient questionnaires (Oct–Nov 2009)
- direct health care costs (matched with hospital questionnaires)
- direct non-health care costs
- loss of productivity
- Retrospective questionnaires for “life with endometriosis” (*being analysed*)

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## RESULTS (n=905)

Average annual cost = **€9,579** (95% CI €8,559-€10,599)

➤ Average cost of direct healthcare costs = **€3,113**

- surgery (29%)
- monitoring tests (19%)
- hospitalisation (18%)
- medication (10%)

➤ Average cost of productivity loss = **€6,298**

**Cost of loss of productivity is twice that of healthcare costs!**

# EndoCost: annual burden per country



| Country        | Women w/endometriosis aged 15-49 | Cost          |
|----------------|----------------------------------|---------------|
| Belgium        | ~ 250,000                        | €2.4 billion  |
| Denmark        | ~ 125,000                        | €1.2 billion  |
| France         | ~ 1,400,000                      | €13.6 billion |
| Germany        | ~ 1,860,000                      | €17.8 billion |
| Hungary        | ~ 240,000                        | €2.3 billion  |
| Italy          | ~ 1,380,000                      | €13.2 billion |
| Netherlands    | ~ 384,000                        | €3.7 billion  |
| Switzerland    | ~ 187,000                        | €1.8 billion  |
| United Kingdom | ~ 1,480,000                      | €14.2 billion |
| USA            | ~ 7,400,000                      | €70.9 billion |

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## RESULTS (n=905)

Decreased quality of life = most important predictor of healthcare and productivity costs

- Costs greater with increased severity of endometriosis
- Costs greater with years with endometriosis

Economic burden = Crohn's disease, diabetes, and rheumatoid arthritis

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