

# Long term gynaecological cancer survivors in Côte d'Or: health related quality of life and living conditions



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# Background

- Growing number of survivors
- Studies on Health related quality of life (HRQoL)
  - Clinical data
  - Reduced follow-up
- Likelihood that HRQoL depends on others factors than clinical data grows with the follow-up since diagnosis

# Research Questions

What determined HRQoL among gynaecologic cancer survivors?

What are the living conditions of these women?

# Design

- Cross-sectional
- Population-based study
- Breast and Gynaecological cancers registry of Côte d'Or (France)

# Population

- Women with primary invasive non-metastatic cancer
  - Cervix
  - Endometrium
  - Ovary
- Diagnosed between 1<sup>st</sup> January 2006 and 31<sup>st</sup> December 2013
- Alive as of December 31<sup>st</sup> ,2016

# Data collection

Using questionnaires

❖ SF-12

❖ FSFI

❖ SSQ6

❖ HADS

❖ EPICES

❖ Study specific questionnaire

# Endpoints

- Physical Component Summary (PCS)
- Mental Component Summary (MCS)

# Results

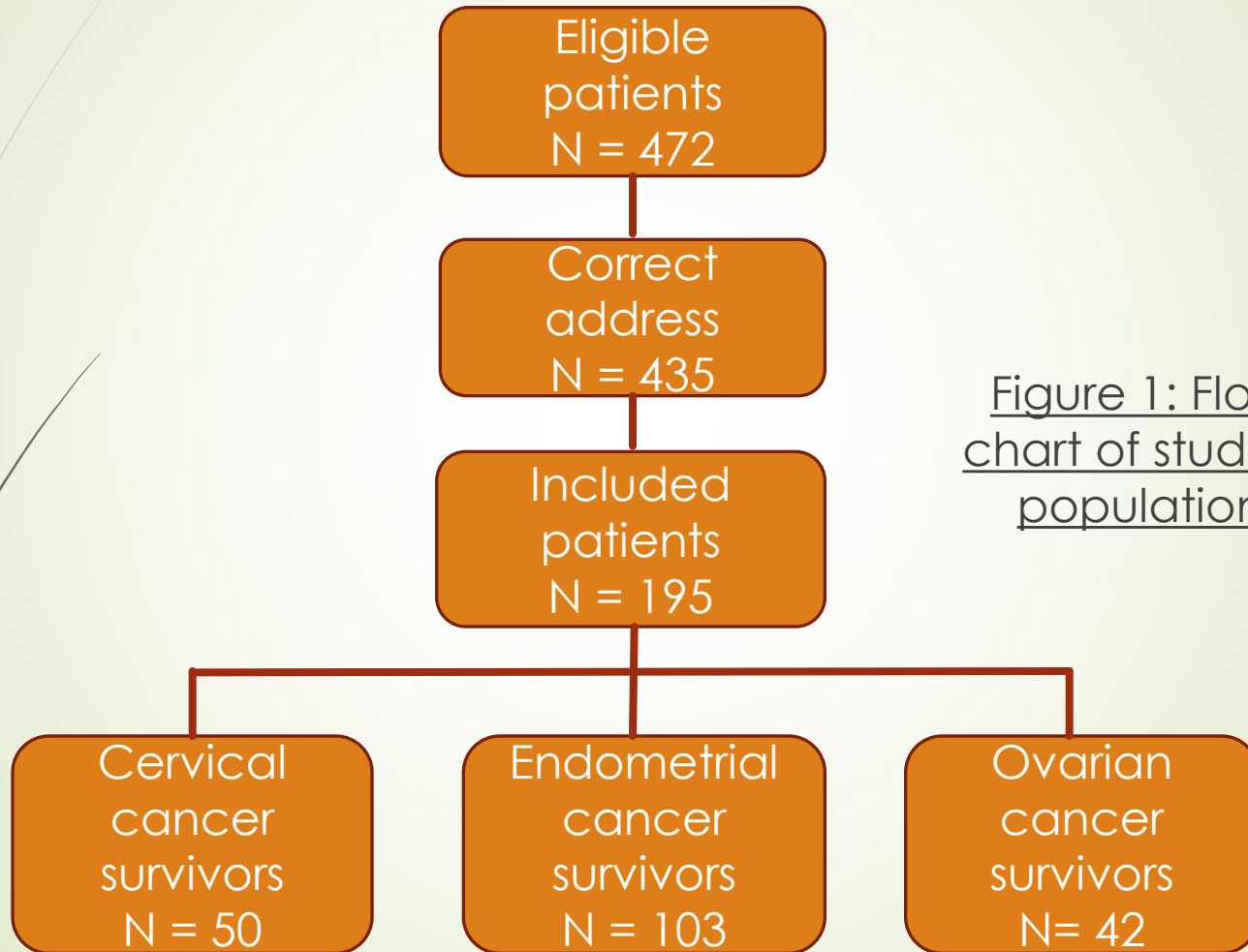


Figure 1: Flow chart of studied population



# Characteristics of the population

| Variables                        | Cervical<br>Cancer | Endometrial<br>Cancer | Ovarian<br>Cancer |
|----------------------------------|--------------------|-----------------------|-------------------|
|                                  | N=50 (%)           | N=103 (%)             | N=42(%)           |
| Age at diagnosis                 |                    |                       |                   |
| Means (SD)                       | 47.34 (12.93)      | 65.13 (9.45)          | 59.07 (12.52)     |
| Median [min - max]               | 53.5 [33 – 88]     | 71 [52 – 93]          | 66 [26 – 87]      |
| Time since diagnosis<br>(months) |                    |                       |                   |
| Means (SD)                       | 75.26 (27.6)       | 80.2 (29.27)          | 76.71 (27.06)     |
| Median [min - max]               | 69 [39 – 129]      | 76 [36 – 131]         | 71 [39– 127]      |
| Tumour Stage                     |                    |                       |                   |
| I                                | 34 (68)            | 94 (92.16)            | 17 (41.46)        |
| II                               | 11 (22)            | 3 (2.94)              | 5 (12.2)          |
| III                              | 5 (10)             | 5 (4.9)               | 19 (46.34)        |
| Unknown                          | 0                  | 1                     | 1                 |

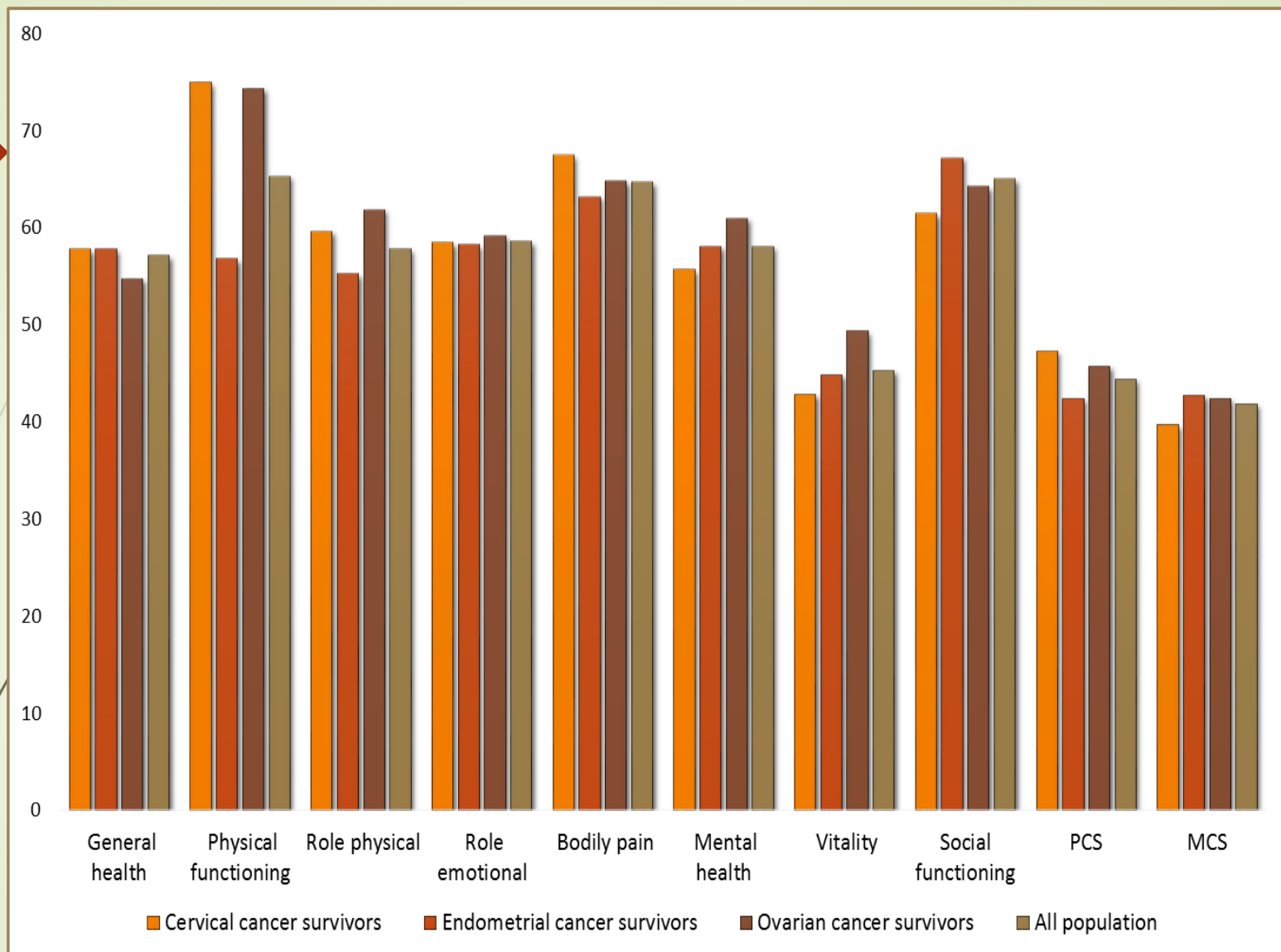
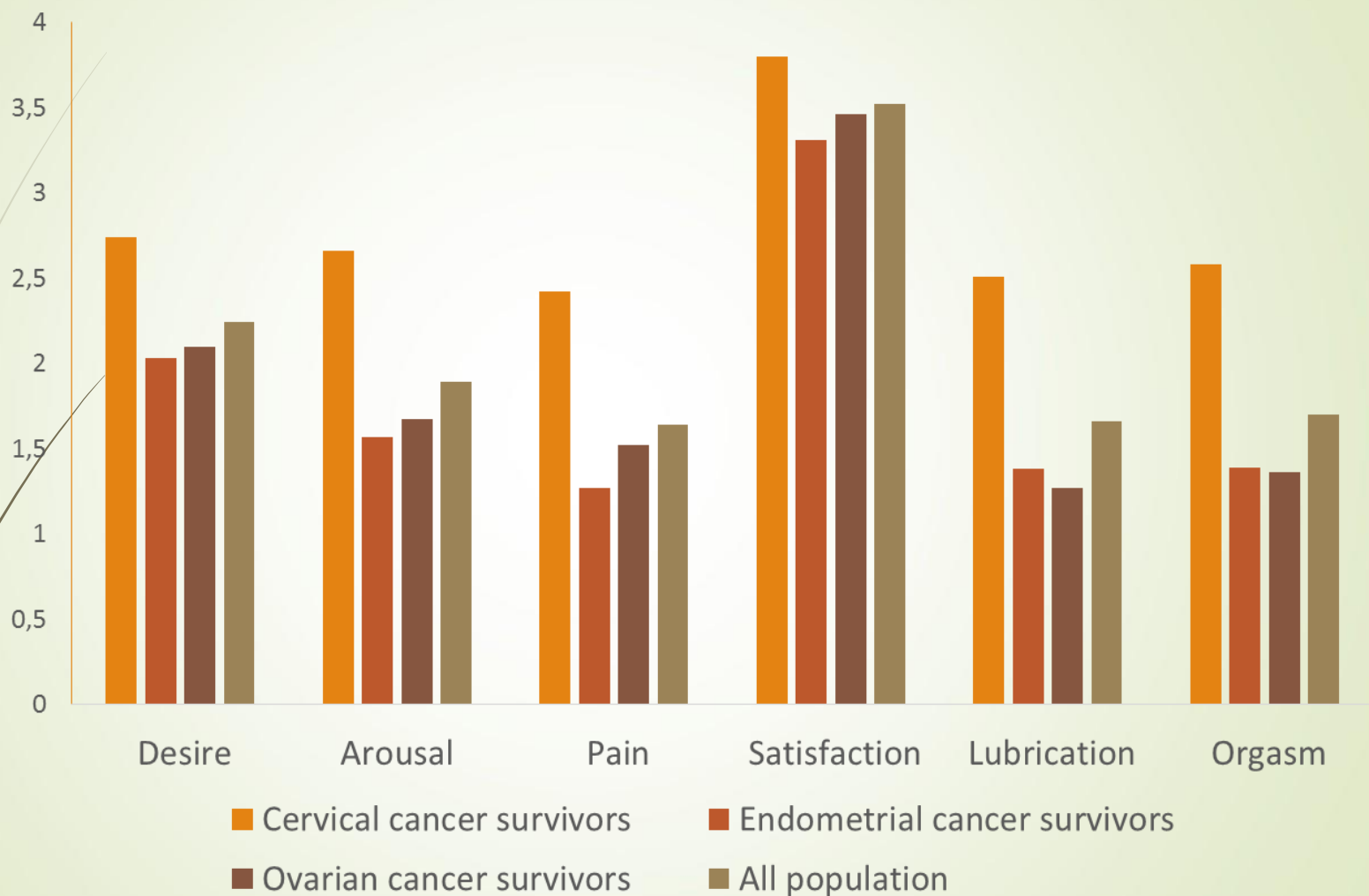


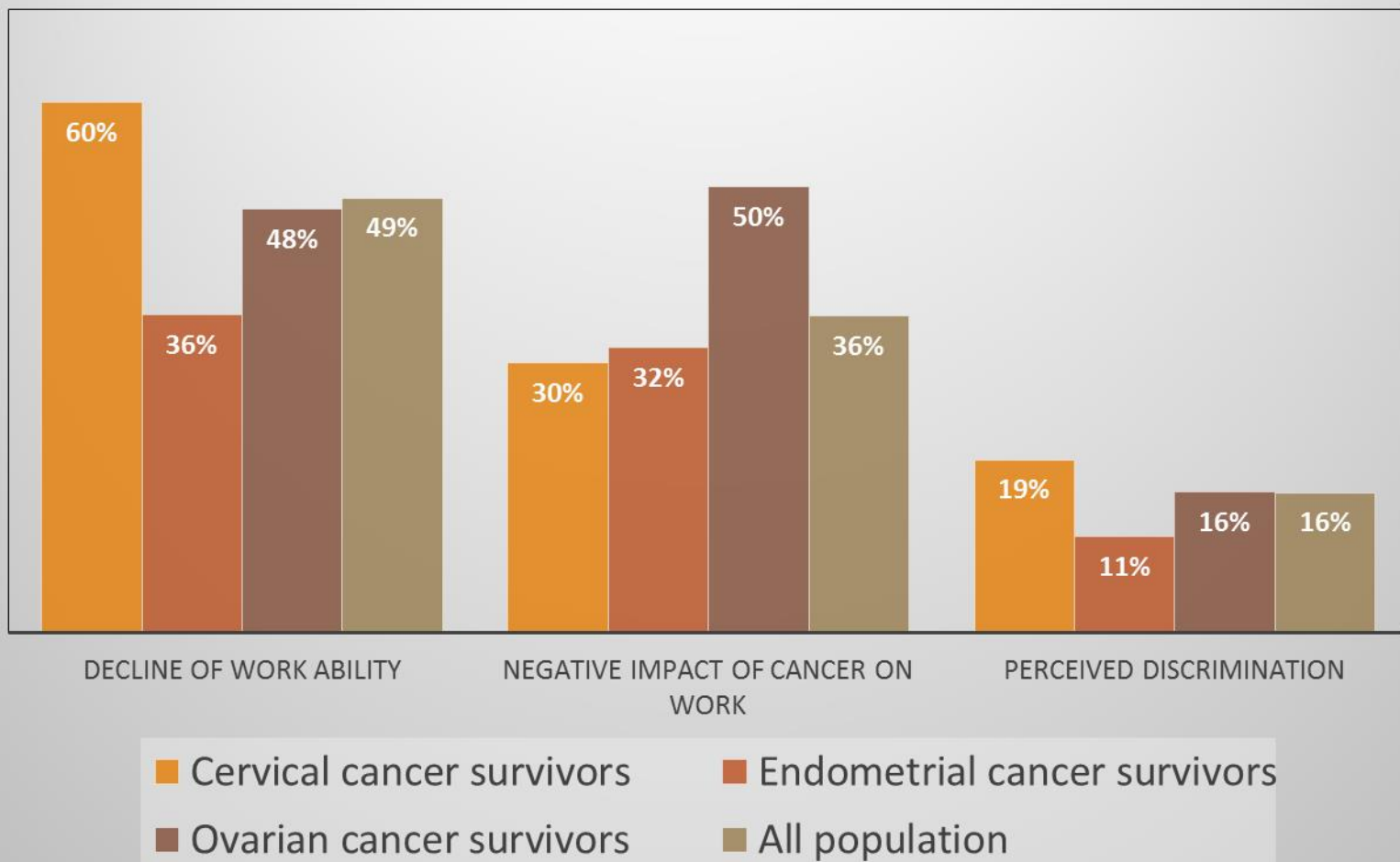
Figure 2: HRQoL among gynaecological cancer survivors

# Sexual function scores



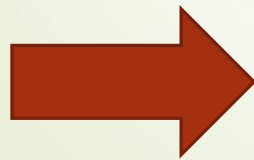
| Endpoints                 | Variables                   | Estimate  |
|---------------------------|-----------------------------|-----------|
| <b>Cervical cancer</b>    |                             |           |
| <b>PCS</b>                | Depression                  | − 14.5456 |
|                           | Social support availability | 6.9634    |
| <b>MCS</b>                | Social support satisfaction | 9.6458    |
|                           | Deprivation                 | − 8.2461  |
| <b>Endometrial cancer</b> |                             |           |
| <b>PCS</b>                | Deprivation                 | − 9.7354  |
|                           | Comorbidities               | − 6.6126  |
| <b>MCS</b>                | Anxiety                     | − 8.2655  |
|                           | Deprivation                 | − 9.2682  |
| <b>Ovarian cancer</b>     |                             |           |
| <b>PCS</b>                | Social support satisfaction | 9.3569    |
| <b>MCS</b>                | Social support satisfaction | 15.6646   |
|                           | Social support availability | 6.6675    |

# Socio-professional reinsertion of gynaecologic cancer survivors



# Conclusion

- Small sample size
- No impact of clinical factors such as disease stage on long-term HRQoL
- **Promote socio-professional reinsertion**
- **Improve HRQoL**



Can be a way to help women with gynaecological cancers