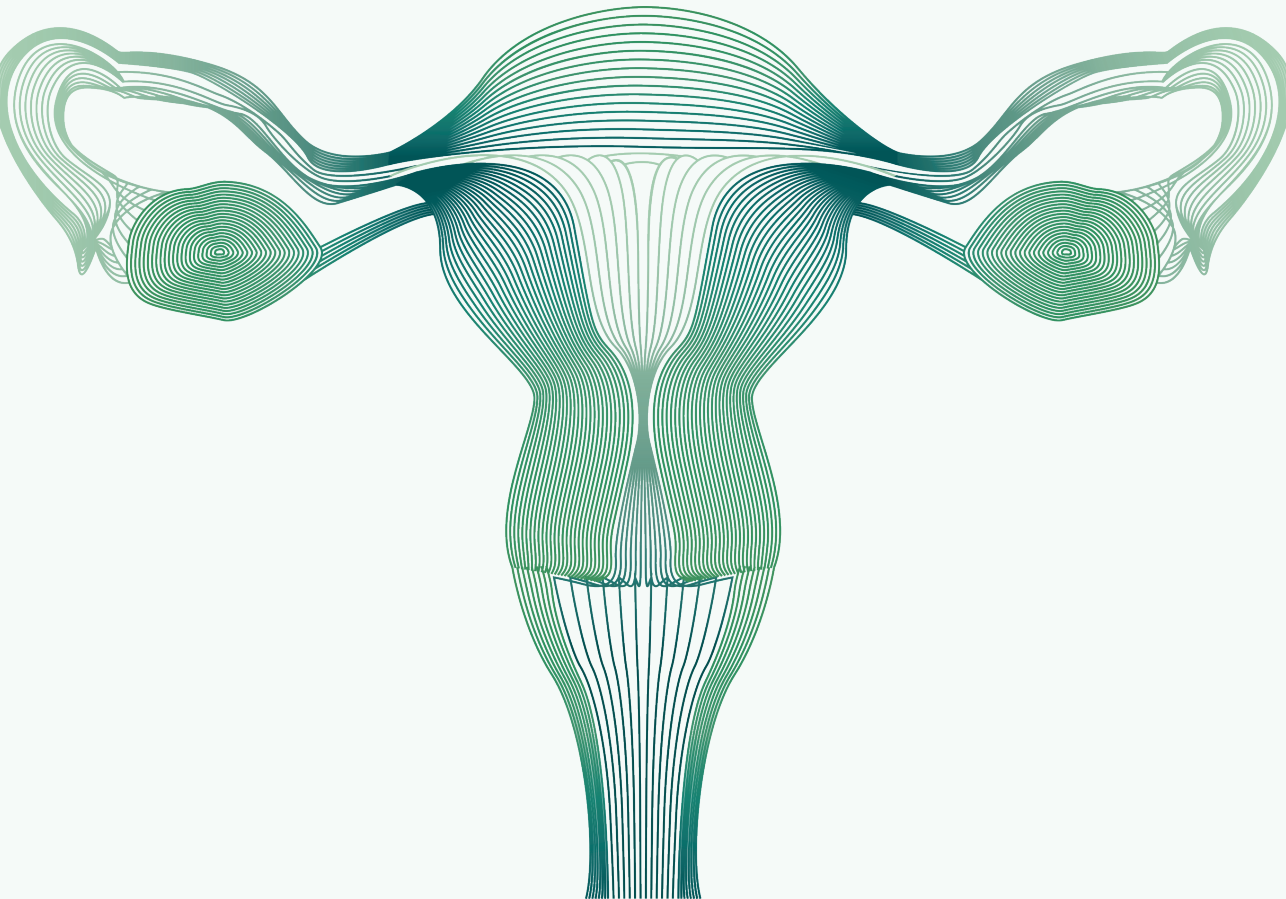


Cancer



Gynecologic Cancer

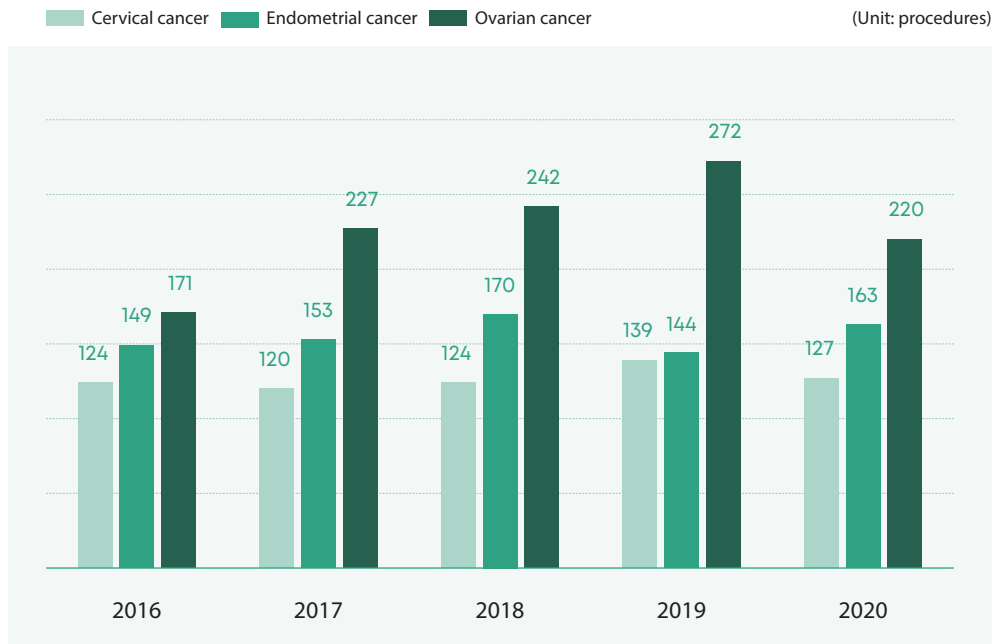


1

Annual number of gynecologic cancer surgery

Index definition Annual number of surgeries for three major gynecologic cancers (cervical cancer, endometrial cancer, and ovarian cancer)

Description The annual number of surgeries for three major gynecologic cancers (cervical cancer, endometrial cancer, and ovarian cancer) between 2016 and 2020.



Calculation

Numerator

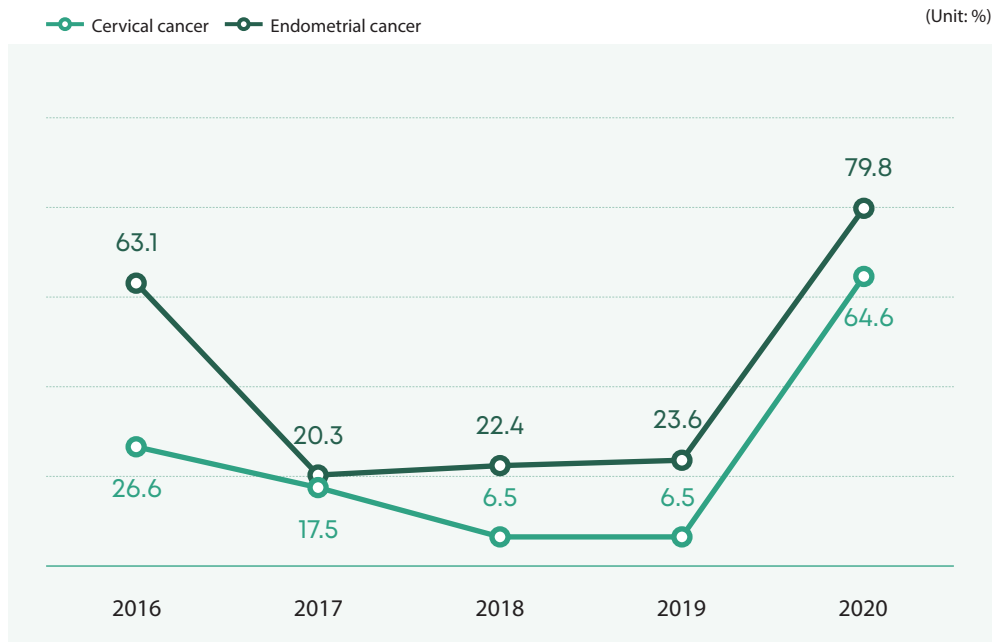
Number of gynecologic cancer surgeries based on medical records for the year (based on procedure date; duplicate patients allowed)

2

Proportion of minimally invasive surgery (laparoscopic or robot) of cervical and endometrial cancer

Index definition Proportion of minimally invasive surgeries (laparoscopic or robot) for cervical and endometrial cancer

Description The proportion of minimally invasive surgeries of cervical and endometrial cancers between 2016 and 2020.



Calculation

Numerator Number of minimally invasive surgeries (laparoscopic or robot) for cervical and endometrial cancers (duplicate patients allowed)

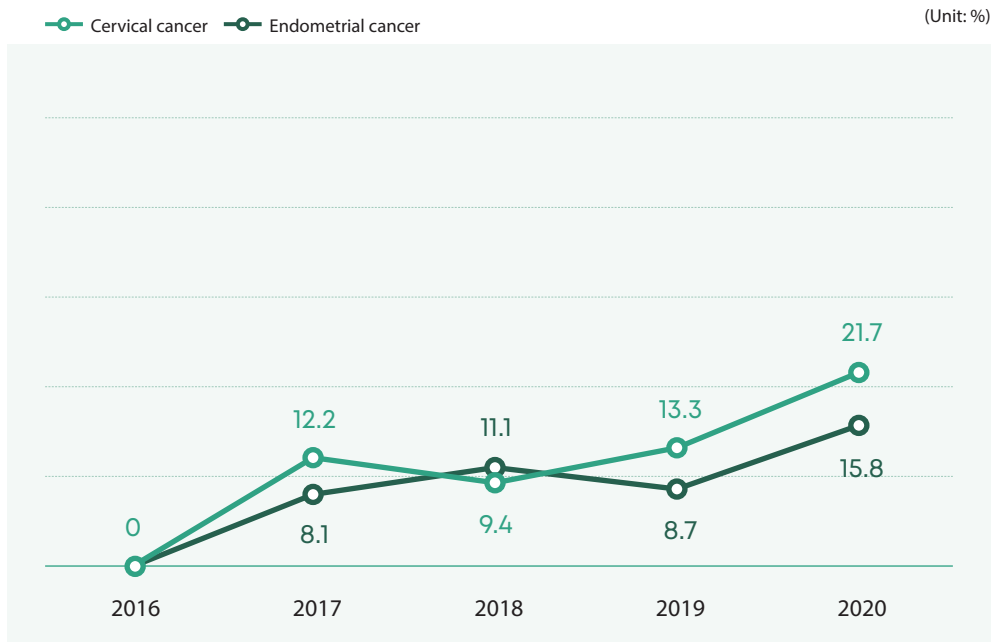
Denominator Number of cervical and endometrial cancer surgeries based on medical records for the year (based on procedure date; duplicate patients allowed)

3

Proportion of sentinel lymph node dissection for early cervical and endometrial cancer

Index definition Proportion of sentinel lymph node biopsies among early cervical and endometrial cancer surgeries

Description The proportion of sentinel lymph node biopsies among patients who received early cervical and endometrial cancer surgeries between 2016 and 2020.



Calculation

Numerator Number of sentinel lymph node biopsies performed during surgery
Denominator All surgeries of early-stage cervical cancer (stage IA to IB1) and early-stage endometrial cancer (stage I) with indication for sentinel lymph node dissection based on medical records for the year

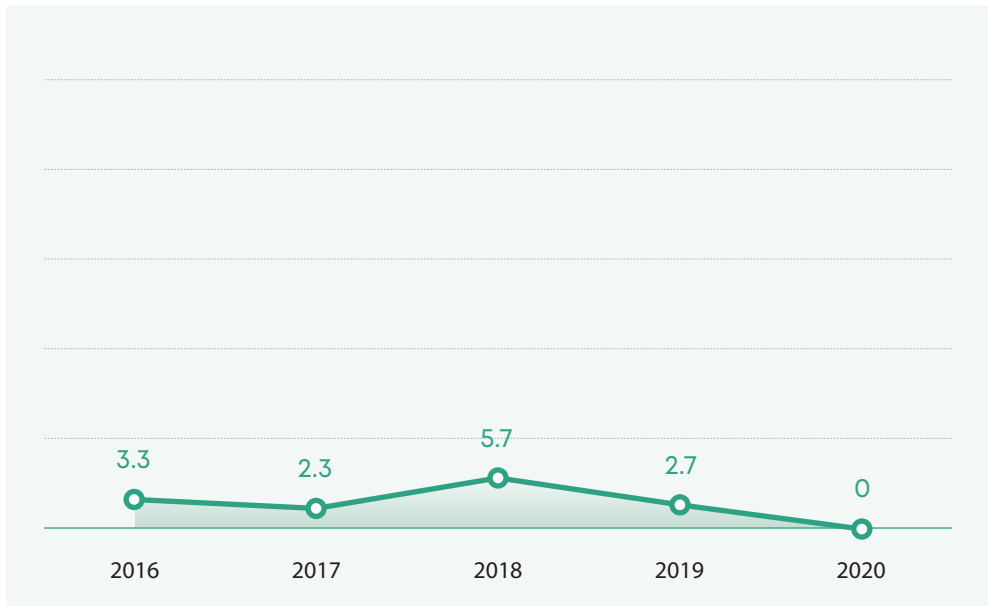
4

Crude incidence rate of postoperative 30-days in-hospital complications of cervical cancer

Index definition Crude incidence rate of postoperative in-hospital complications within 30 days after cervical cancer surgery

Description This shows the incidence rate of severe complications (Grade IIIa or higher in the Clavien-Dindo classification) that require intensive care through interventional surgery or procedure and the admission to the ICU within 30 days of hospitalization after cervical cancer surgery for the past 5 years (2016-2020).

(Unit: %)



Calculation

Numerator Number of complications that are Grade IIIa or higher in the Clavien-Dindo classification during hospitalization within 30 days from the procedure

Denominator Number of cervical cancer surgeries registered in the Obstetrics & Gynecology registry

Exclusion

Numerator Incidence of complications that were not treated at SNUH

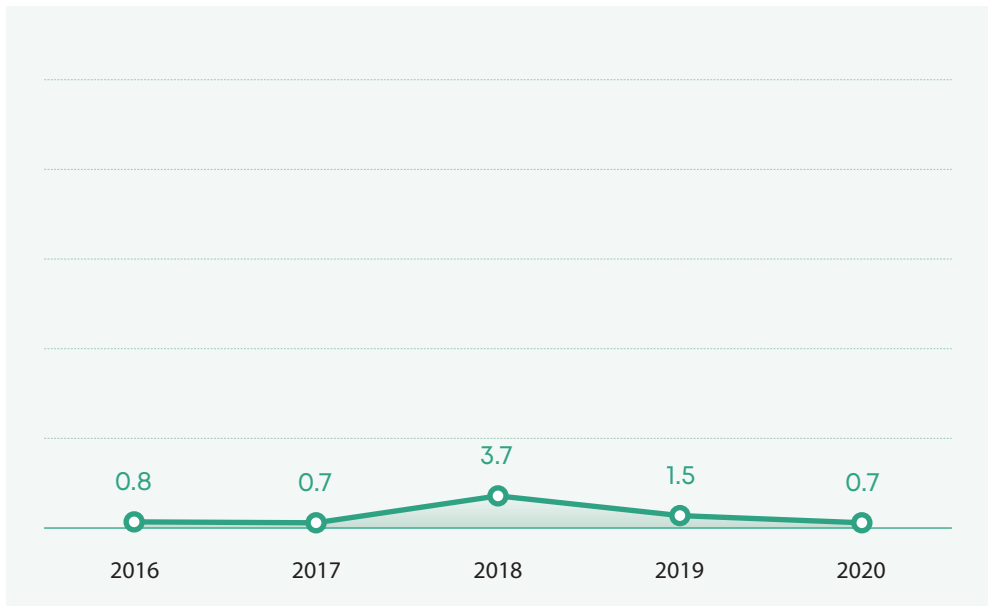
5

Crude incidence rate of postoperative 30-days in-hospital complications of endometrial cancer

Index definition Crude incidence rate of postoperative in-hospital complications within 30 days after endometrial cancer surgery

Description This shows the incidence rate of severe complications (Grade IIIa or higher in the Clavien-Dindo classification) that require intensive care through interventional surgery or procedure and the admission to the ICU within 30 days of hospitalization after endometrial cancer surgery for the past 5 years (2016-2020).

(Unit: %)



Calculation

Numerator Number of complications that are Grade IIIa or higher in the Clavien-Dindo classification during hospitalization within 30 days from the procedure

Denominator Number of endometrial cancer surgeries registered in the Obstetrics & Gynecology registry

Exclusion

Numerator Incidence of complications that were not treated at SNUH

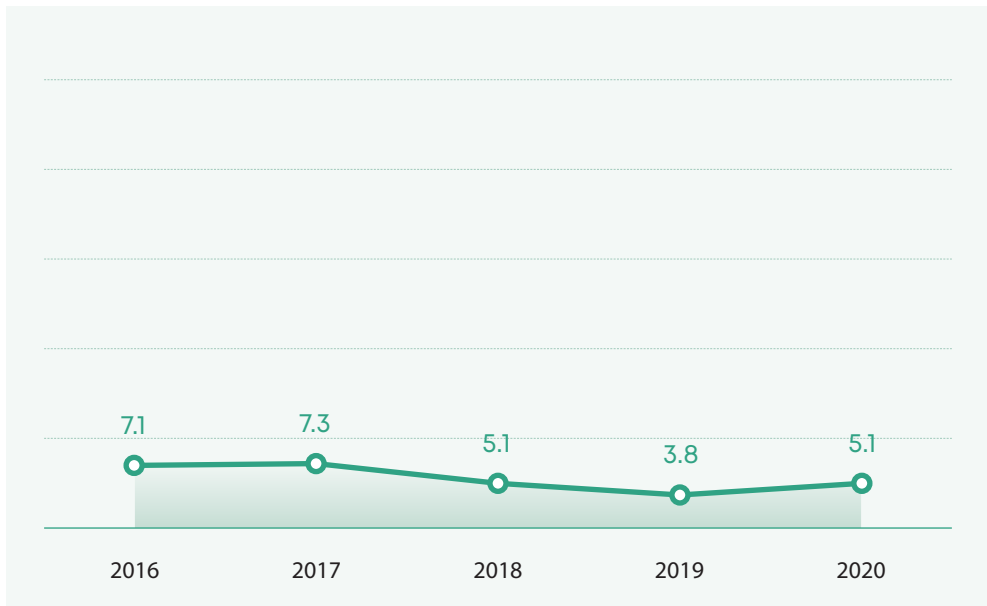
6

Crude incidence rate of postoperative 30-days in-hospital complications of ovarian cancer

Index definition Crude incidence rate of postoperative in-hospital complications within 30 days after ovarian cancer surgery

Description This shows the incidence rate of severe complications (Grade IIIa or higher in the Clavien-Dindo classification) that require intensive care through interventional surgery or procedure and the admission to the ICU within 30 days of hospitalization after ovarian cancer surgery for the past 5 years (2016-2020).

(Unit: %)



Calculation

Numerator Number of complications that are Grade IIIa or higher in the Clavien-Dindo classification during hospitalization within 30 days from the procedure
Denominator Number of ovarian cancer surgeries registered in the Obstetrics & Gynecology registry

Exclusion

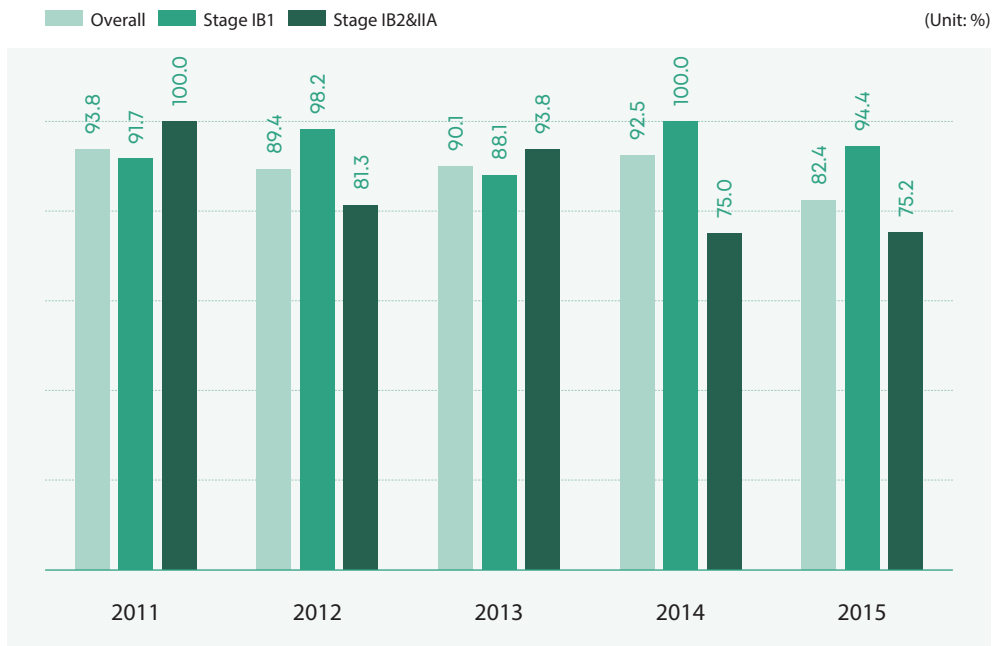
Numerator Incidence of complications that were not treated at SNUH

7

Postoperative 5-years standardized survival rate of early-stage cervical cancer by stage

Index definition Survival rate of patients for over 5 years after radical hysterectomy for early-stage cervical cancer (standardized by age based on total cervical cancer surgeries in 2011)

Description The 5-year survival rate (2011-2015) of radical hysterectomy patients due to stage IB to IIA cervical cancer was standardized by age.



Calculation

Numerator Surviving patients excluding patients who passed away within 5 years from the procedure (operation date by stage)

Denominator Patients who received radical hysterectomy due to FIGO stage IB to IIA cervical cancer in the Obstetrics & Gynecology registry

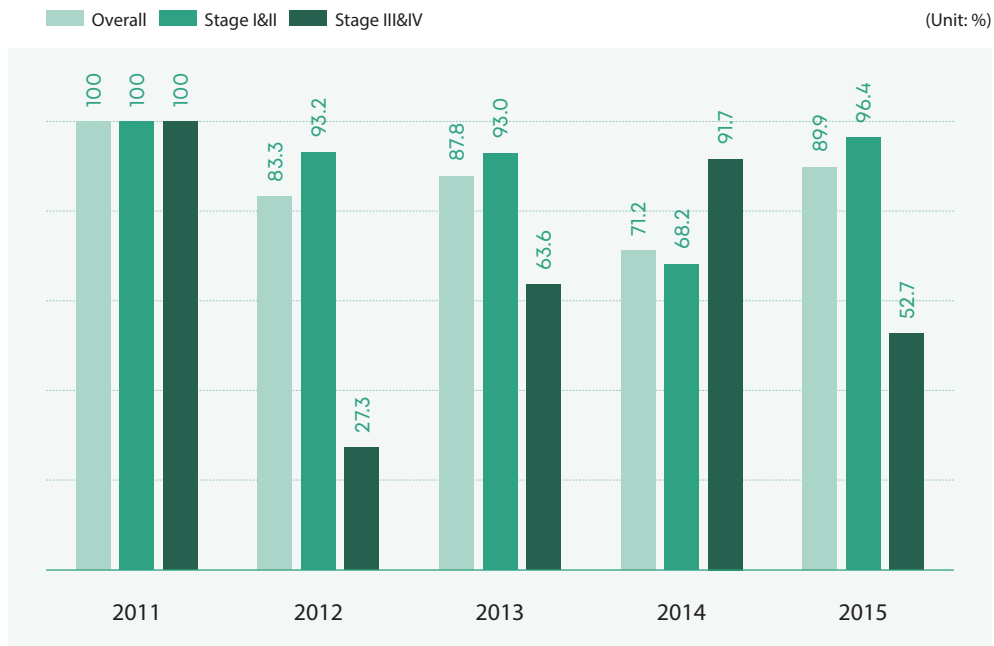
Exclusion

- Denominator**
- ❶ Simultaneous treatment of chemotherapy for FIGO stage IIB or higher
 - ❷ Foreign nationals

Postoperative 5-years standardized survival rate of endometrial cancer by stage

Index definition Survival rate of patients for over 5 years after surgery for endometrial cancer by stage (standardized by age based on total endometrial cancer surgeries in 2011)

Description The 5-year survival rate of endometrial cancer patients was standardized by age.



Calculation

Numerator Surviving patients excluding patients who passed away within 5 years from the procedure (operation date by stage)

Denominator Number of endometrial cancer surgeries registered in the Obstetrics & Gynecology registry

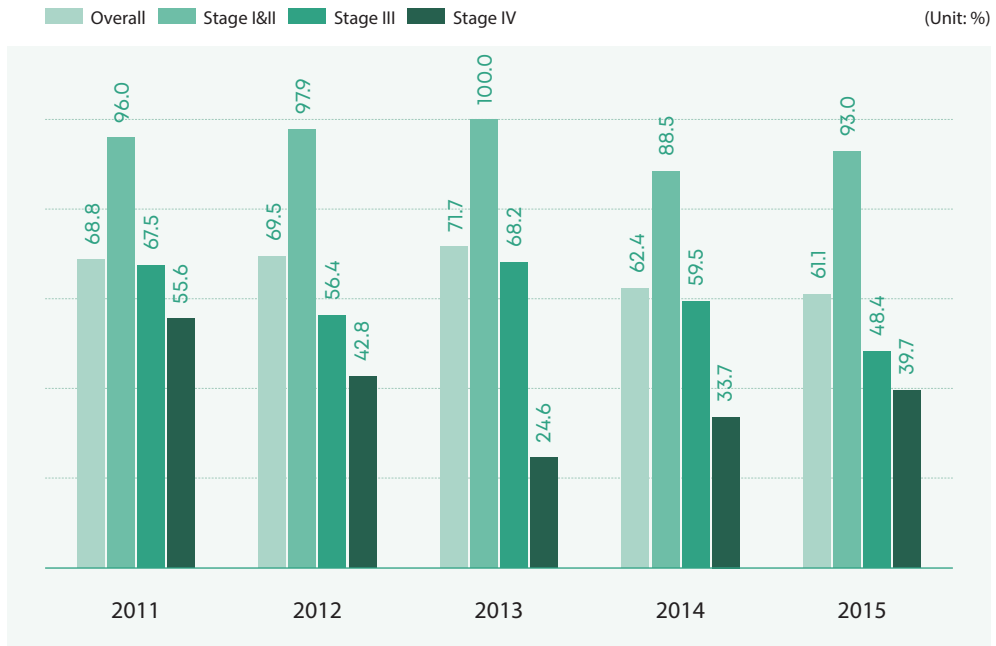
Exclusion

Denominator Foreign nationals

Postoperative 5-years standardized survival rate of ovarian cancer by stage

Index definition Survival rate of patients for over 5 years after surgery for ovarian cancer by stage (standardized by age based on total ovarian cancer surgeries in 2011)

Description The 5-year survival rate of patients operated for epithelial ovarian cancer, fallopian tube cancer, and primary peritoneal cancer was standardized by age.



Calculation **Numerator** Surviving patients excluding patients who passed away within 5 years from the procedure (operation date by stage)

Denominator Epithelial ovarian cancer, fallopian tube cancer, and primary peritoneal cancer surgeries registered in the Obstetrics & Gynecology registry

Exclusion **Denominator** Foreign nationals