

gynaecology

The topics presented in this chapter provide examples that aim to promote clear and complete documentation of the patient's diagnosis, problems, treatment and progress in the clinical record.

Good clinical documentation is essential for continuity of care, which is essential for quality, error-free patient care.

Creating good clinical documentation also ensures that information is reliable for many other purposes especially research and quality improvement activities. Another benefit is providing clinicians with better understanding of documentation in relation to casemix classification (DRG) issues. In turn, this will contribute to high quality coded clinical data that is essential for appropriate reimbursement of hospital services.

The topics included in this chapter are:

- **Assisted reproductive technology (ART)**
- **Endometriosis**
- **Gynaecological neoplasms**
- **Hysterectomy**
- **Intraepithelial neoplasia**
- **Menstrual disorders**
- **Pelvic inflammatory disease**
- **Ovarian cysts**
- **Surgical sterilisation**
- **Uterine and vaginal prolapse**

Cardiovascular medicine and surgery

Dermatology and plastic surgery

Ear, nose, mouth and throat

Gastroenterology and hepatobiliary

General medicine

General surgery

Geriatric medicine

Gynaecology

Immunology

Infectious diseases

Injury

Mental health, drugs and alcohol

Neonatology

Nephrology and urology

Neurology and neurosurgery

Obstetrics

Oncology and haematology

Ophthalmology

Orthopaedics

Paediatrics

Respiratory medicine and thoracic surgery

Rheumatology

Assisted reproductive technology (ART)

Document and specify

Cause of infertility if known, for example

- associated with anovulation
- tubal, uterine or cervical origin
- male factors – specify

Interventions performed, such as

- oocyte retrieval – indicate transvaginal or transabdominal
- gamete intrafallopian transfer (GIFT)
- embryo transfer (ET) to uterus or fallopian tube (TEST)
- fallopscopy

DRG information

Surgical DRG

N07Z Other uterine and adnexa procedures for non-malignancy

Clinical profile

		N07Z
Total number of episodes		60,207
ALOS (days)		1.18
Age range with highest % of patients		35–49 years
Gender profile	female	100.0%

Most frequently reported principal diagnoses

Z31.2	<i>In vitro fertilisation</i>
N84.0	<i>Polyp of corpus uteri</i>
N92.0	<i>Excessive and frequent menstruation with regular cycle</i>
N80.3	<i>Endometriosis of pelvic peritoneum</i>
N97.9	<i>Female infertility, unspecified</i>

Most frequently reported operating room procedures

13212-00	<i>Transvaginal oocyte retrieval</i>
35633-01	<i>Polypectomy of uterus via hysteroscopy</i>
35637-02	<i>Laparoscopic diathermy of lesion of pelvic cavity</i>
35622-00	<i>Endoscopic endometrial ablation</i>
35638-04	<i>Laparoscopic ovarian cystectomy, unilateral</i>

Transabdominal oocyte retrieval, gamete intrafallopian transfer [GIFT] and embryo transfer to fallopian tube are not ranked in the top 20 procedures in this DRG

Adjacent surgical DRGs

N11A Other female reproductive system operating room procedures age >64 or with malignancy or with complication and/or comorbidity

N11B Other female reproductive system operating room procedures age <65 without malignancy without complication and/or comorbidity

Clinical profile

	N11A	N11B
Total number of episodes	361	19,633
ALOS (days)	8.19	1.06
Age range with highest % of patients	50–69 years	35–49 years
Gender profile	female	100.0%

N11A Other female reproductive system operating room procedures age >64 or with malignancy or with complication and/or comorbidity

Most frequently reported principal diagnoses

C56	Malignant neoplasm of ovary
Z31.2	In vitro fertilisation
N73.6	Female pelvic peritoneal adhesions
C53.9	Malignant neoplasm of cervix uteri, unspecified
R10.2	Pelvic and perineal pain

Most frequently reported complications and/or comorbidities

(*3) C78.6	Secondary malignant neoplasm of retroperitoneum and peritoneum
(*2) E11.72	Type 2 diabetes mellitus with features of insulin resistance
(*3) N39.0	Urinary tract infection, site not specified
(*3) T81.41	Wound infection following a procedure
(*3) T81.2	Accidental puncture and laceration during a procedure, not elsewhere classified

Most frequently reported operating room procedures

30378-00	Division of abdominal adhesions
30373-00	Exploratory laparotomy
30394-00	Drainage of intra-abdominal abscess, haematoma or cyst
35713-14	Excision of lesion of pelvic cavity
13215-01	Embryo transfer to uterus

Other reproductive technology codes, for example Other reproductive medicine procedure, Assisted reproductive services using drugs to induce superovulation, Ovulation monitoring services for superovulation treatment cycles and artificial insemination, Assisted reproductive services using unstimulated ovulation or ovulation stimulated by clomiphene citrate and Planning and management for assisted reproductive technologies are not ranked in the top 20 procedures in this DRG

N11B Other female reproductive system operating room procedures age <65 without malignancy without complication and/or comorbidity

Most frequently reported principal diagnoses

Z31.2	In vitro fertilisation
N97.9	Female infertility, unspecified
Z30.2	Sterilisation
N73.6	Female pelvic peritoneal adhesions
N82.0	Vesicovaginal fistula

Most frequently reported operating room procedures

- 13215-01 *Embryo transfer to uterus*
- 35688-01 *Sterilisation via vaginal approach*
- 35688-02 *Sterilisation via open abdominal approach*
- 30378-00 *Division of abdominal adhesions*
- 35713-14 *Excision of lesion of pelvic cavity*

The procedure code for ‘Other reproductive medicine procedure’ is ranked 18th in this DRG. Other reproductive technology codes, for example Assisted reproductive services using drugs to induce superovulation, Ovulation monitoring services for superovulation treatment cycles and artificial insemination, Assisted reproductive services using unstimulated ovulation or ovulation stimulated by clomiphene citrate and Planning and management for assisted reproductive technologies are not ranked in the top 20 procedures in this DRG

Impact on DRG assignment

Age	30 years
Gender	Female
Diagnosis	Infertility, IVF – embryo transfer
Principal diagnosis	Z31.2 <i>In vitro fertilisation</i>
Additional diagnosis	N97.9 <i>Female infertility, unspecified</i>
Procedure	13215-01 [1297] <i>Embryo transfer to uterus</i>

When not further specified, embryo transfer is coded as transfer to uterus.

MDC	13 Diseases and disorders of the female reproductive system
DRG	N11B Other female reproductive system operating room procedures age <65 without malignancy without complication and/or comorbidity
AR-DRG cost weight	0.59
ALOS	1.30 days

Reimbursement \$1,840

Diagnosis	Infertility, IVF – embryo transfer to fallopian tube
Principal diagnosis	Z31.2 <i>In vitro fertilisation</i>
Additional diagnosis	N97.9 <i>Female infertility, unspecified</i>
Procedure	13215-02 [1297] <i>Embryo transfer to fallopian tube</i>
MDC	13 Diseases and disorders of the female reproductive system
DRG	N07Z Other uterine and adnexa procedures for non-malignancy
AR-DRG cost weight	0.81
ALOS	1.35 days

Reimbursement \$2,526

Endometriosis

Document and specify

Site of endometriosis, for example

- uterus
- fallopian tubes
- pouch of Douglas
- utero-sacral ligaments
- ovaries
- rectosigmoid
- ureters
- pleura
- surgical scars – specify

Adhesions, if present – record sites involved

Interventions performed, for example

- laser therapy
- electrocoagulation
- excision or biopsy of endometriotic lesions
 - laparoscopic
 - open
- division of adhesions
- **hysterectomy**

DRG information

Surgical DRG

N07Z Other uterine and adnexa procedures for non-malignancy

Clinical profile

		N07Z
Total number of episodes		60,207
ALOS (days)		1.18
Age range with highest % of patients		35–49 years
Gender profile	female	100.0%

Most frequently reported principal diagnoses

Z31.2	<i>In vitro fertilisation</i>
N84.0	<i>Polyp of corpus uteri</i>
N92.0	<i>Excessive and frequent menstruation with regular cycle</i>
N80.3	<i>Endometriosis of pelvic peritoneum</i>
N97.9	<i>Female infertility, unspecified</i>

Most frequently reported operating room procedures

13212-00	<i>Transvaginal oocyte retrieval</i>
35633-01	<i>Polypectomy of uterus via hysteroscopy</i>
35637-02	<i>Laparoscopic diathermy of lesion of pelvic cavity</i>
35622-00	<i>Endoscopic endometrial ablation</i>
35638-04	<i>Laparoscopic ovarian cystectomy, unilateral</i>

Laparoscopic excision of lesion of pelvic cavity is ranked 18th in this DRG

Surgical DRG

N08Z Endoscopic and laparoscopic procedures for female reproductive system

Clinical profile

		N08Z
Total number of episodes		26,628
ALOS (days)		1.15
Age range with highest % of patients		15–34 years
Gender profile	female	100.0%

Most frequently reported principal diagnoses

Z30.2	<i>Sterilisation</i>
N97.9	<i>Female infertility, unspecified</i>
R10.2	<i>Pelvic and perineal pain</i>
N80.3	<i>Endometriosis of pelvic peritoneum</i>
N73.6	<i>Female pelvic peritoneal adhesions</i>

Most frequently reported operating room procedures

30390-00	<i>Laparoscopy</i>
35688-00	<i>Laparoscopic sterilisation</i>
30393-00	<i>Laparoscopic division of abdominal adhesions</i>
35637-10	<i>Laparoscopic excision of lesion of pelvic cavity</i>
30572-00	<i>Laparoscopic appendicectomy</i>

Adjacent surgical DRGs

N11A Other female reproductive system operating room procedures age >64 or with malignancy or with complication and/or comorbidity

N11B Other female reproductive system operating room procedures age <65 without malignancy without complication and/or comorbidity

Clinical profile

		N11A	N11B
Total number of episodes		361	19,633
ALOS (days)		8.19	1.06
Age range with highest % of patients		50–69 years	35–49 years
Gender profile	female	100.0%	100.0%

N11A **Other female reproductive system operating room procedures age >64 or with malignancy or with complication and/or comorbidity**

Most frequently reported principal diagnoses

C56	<i>Malignant neoplasm of ovary</i>
Z31.2	<i>In vitro fertilisation</i>
N73.6	<i>Female pelvic peritoneal adhesions</i>
C53.9	<i>Malignant neoplasm of cervix uteri, unspecified</i>
R10.2	<i>Pelvic and perineal pain</i>

Most frequently reported complications and/or comorbidities

(*3) C78.6	<i>Secondary malignant neoplasm of retroperitoneum and peritoneum</i>
(*2) E11.72	<i>Type 2 diabetes mellitus with features of insulin resistance</i>
(*3) N39.0	<i>Urinary tract infection, site not specified</i>
(*3) T81.41	<i>Wound infection following a procedure</i>
(*3) T81.2	<i>Accidental puncture and laceration during a procedure, not elsewhere classified</i>

Most frequently reported operating room procedures

30378-00	<i>Division of abdominal adhesions</i>
30373-00	<i>Exploratory laparotomy</i>
30394-00	<i>Drainage of intra-abdominal abscess, haematoma or cyst</i>
35713-14	<i>Excision of lesion of pelvic cavity</i>
13215-01	<i>Embryo transfer to uterus</i>

N11B Other female reproductive system operating room procedures age <65 without malignancy without complication and/or comorbidity

Most frequently reported principal diagnoses

Z31.2	<i>In vitro fertilisation</i>
N97.9	<i>Female infertility, unspecified</i>
Z30.2	<i>Sterilisation</i>
N73.6	<i>Female pelvic peritoneal adhesions</i>
N82.0	<i>Vesicovaginal fistula</i>

Most frequently reported operating room procedures

13215-01	<i>Embryo transfer to uterus</i>
35688-01	<i>Sterilisation via vaginal approach</i>
35688-02	<i>Sterilisation via open abdominal approach</i>
30378-00	<i>Division of abdominal adhesions</i>
35713-14	<i>Excision of lesion of pelvic cavity</i>

Other DRG information

AR-DRG v5.0 N08Z Endoscopic procedures for female reproductive system was renamed to N08Z Endoscopic and laparoscopic procedures for female reproductive system in v5.1 to better reflect the content of the DRG. There was no change to the procedure codes that group to this DRG.

Impact on DRG assignment

Age	30 years
Gender	Female
Diagnosis	Endometriosis, laparoscopic excision of pelvic endometriosis
Principal diagnosis	N80.3 <i>Endometriosis of pelvic peritoneum</i>
Procedure	35637-10 [1299] <i>Laparoscopic excision of lesion of pelvic cavity</i>
MDC	13 Diseases and disorders of the female reproductive system
DRG	N08Z Endoscopic and laparoscopic procedures for female reproductive system
AR-DRG cost weight	0.72
ALOS	1.17 days

Reimbursement \$2,246

Diagnosis	Endometriosis, excision of pelvic endometriosis
Principal diagnosis	N80.3 <i>Endometriosis of pelvic peritoneum</i>
Procedure	35713-14 [1299] <i>Excision of lesion of pelvic cavity</i>
MDC	13 Diseases and disorders of the female reproductive system
DRG	N11B Other female reproductive system operating room procedures age <65 without malignancy without complication and/or comorbidity
AR-DRG cost weight	0.59
ALOS	1.30 days

Reimbursement \$1,840

Diagnosis	Endometriosis, diathermy of pelvic endometriosis
Principal diagnosis	N80.3 <i>Endometriosis of pelvic peritoneum</i>
Procedure	35713-01 [1299] <i>Diathermy of lesion of pelvic cavity</i>
MDC	13 Diseases and disorders of the female reproductive system
DRG	N07Z Other uterine and adnexa procedures for non-malignancy
AR-DRG cost weight	0.81
ALOS	1.35 days

Reimbursement \$2,526

Gynaecological neoplasms

Document and specify

Site of the neoplasm, such as

- endometrial
- ovarian
- cervical – specify for example, canal/endocervix, exocervix, squamocolumnar junction, stump
- vulva
- uterus – specify for example, fundus, isthmus/lower segment

Histological type, for instance

- primary
- extension of primary (as distinct from metastatic sites)
- metastases – record all metastatic sites

Morphological type, for example

- adenocarcinoma
- mucinous carcinoma
- squamous cell carcinoma

Interventions performed, for example

- biopsy
- **hysterectomy**
- salpingectomy
- oophorectomy
- lymph node excision – specify
 - site
 - ♦ pelvic
 - ♦ para-aortic
 - extent
 - ♦ regional
 - ♦ radical
- **chemotherapy**
- **radiotherapy**

Complications of interventions, such as

- haemorrhage
- infection
- fistulae – specify site

DRG information

Surgical DRG

N01Z Pelvic evisceration and radical vulvectomy

Clinical profile

Total number of episodes		N01Z
ALOS (days)		317
Age range with highest % of patients		9.14
Gender profile	female	50–69 years
		100.0%

Most frequently reported principal diagnoses

C51.9	<i>Malignant neoplasm of vulva, unspecified</i>
C54.1	<i>Malignant neoplasm of endometrium</i>
C56	<i>Malignant neoplasm of ovary</i>
C53.9	<i>Malignant neoplasm of cervix uteri, unspecified</i>
C52	<i>Malignant neoplasm of vagina</i>

Most frequently reported operating room procedures

30330-00	<i>Radical excision of lymph nodes of groin</i>
35548-00	<i>Radical vulvectomy</i>
35551-00	<i>Radical excision of pelvic lymph nodes via laparoscopy for gynaecological malignancy</i>
35551-01	<i>Radical excision of pelvic lymph nodes for gynaecological malignancy</i>
37607-00	<i>Radical excision of retroperitoneal lymph nodes</i>

Adjacent surgical DRGs

N02A Uterine, adnexa procedure for ovarian or adnexal malignancy with complication and/or comorbidity

N02B Uterine, adnexa procedure for ovarian or adnexal malignancy without complication and/or comorbidity

Clinical profile

Total number of episodes		N02A	N02B
ALOS (days)		868	623
Age range with highest % of patients		10.12	4.91
Gender profile	female	50–69 years	50–69 years
		100.0%	100.0%

N02A **Uterine, adnexa procedure for ovarian or adnexal malignancy with complication and/or comorbidity**

Most frequently reported principal diagnoses

C56	<i>Malignant neoplasm of ovary</i>
D39.1	<i>Neoplasm of uncertain or unknown behaviour of ovary</i>
C79.6	<i>Secondary malignant neoplasm of ovary</i>
C57.0	<i>Malignant neoplasm of fallopian tube</i>
C57.1	<i>Malignant neoplasm of broad ligament</i>

Most frequently reported complications and/or comorbidities

(*2) C78.6	<i>Secondary malignant neoplasm of retroperitoneum and peritoneum</i>
(*2) C79.82	<i>Secondary malignant neoplasm of genital organs</i>
(*2) C78.5	<i>Secondary malignant neoplasm of large intestine and rectum</i>
(*2) N39.0	<i>Urinary tract infection, site not specified</i>
(*3) C79.88	<i>Secondary malignant neoplasm of other specified sites</i>

Most frequently reported operating room procedures

- 35720-00 *Debulking of lesion of pelvic cavity*
- 35653-03 *Abdominal hysterectomy with bilateral salpingo-oophorectomy*
- 35717-04 *Salpingo-oophorectomy, bilateral*
- 35667-00 *Radical abdominal hysterectomy*

N02B Uterine, adnexa procedure for ovarian or adnexal malignancy without complication and/or comorbidity

Most frequently reported principal diagnoses

- D39.1 *Neoplasm of uncertain or unknown behaviour of ovary*
- C56 *Malignant neoplasm of ovary*
- C57.0 *Malignant neoplasm of fallopian tube*
- C79.6 *Secondary malignant neoplasm of ovary*
- C57.4 *Malignant neoplasm of uterine adnexa, unspecified*

Most frequently reported operating room procedures

- 35653-03 *Abdominal hysterectomy with bilateral salpingo-oophorectomy*
- 35713-11 *Salpingo-oophorectomy, unilateral*
- 35720-00 *Debulking of lesion of pelvic cavity*
- 35713-07 *Oophorectomy, unilateral*

Adjacent surgical DRGs

N03A Uterine, adnexa procedure for non-ovarian or adnexal malignancy with complication and/or comorbidity

N03B Uterine, adnexa procedure for non-ovarian or adnexal malignancy without complication and/or comorbidity

Clinical profile

	N03A	N03B
Total number of episodes	877	1,368
ALOS (days)	8.08	4.67
Age range with highest % of patients	50–69 years	50–69 years
Gender profile	female 100.0%	100.0%

N03A Uterine, adnexa procedure for non-ovarian or adnexal malignancy with complication and/or comorbidity

Most frequently reported principal diagnoses

- C54.1 *Malignant neoplasm of endometrium*
- C53.9 *Malignant neoplasm of cervix uteri, unspecified*
- C55 *Malignant neoplasm of uterus, part unspecified*
- C54.9 *Malignant neoplasm of corpus uteri, unspecified*
- C54.3 *Malignant neoplasm of fundus uteri*

Most frequently reported complications and/or comorbidities

- (*2) E11.72 *Type 2 diabetes mellitus with features of insulin resistance*
- (*3) C77.5 *Secondary and unspecified malignant neoplasm of intrapelvic lymph nodes*
- (*3) N39.0 *Urinary tract infection, site not specified*
- (*3) C78.6 *Secondary malignant neoplasm of retroperitoneum and peritoneum*
- (*3) I48 *Atrial fibrillation and flutter*

Most frequently reported operating room procedures

- 35653-03 *Abdominal hysterectomy with bilateral salpingo-oophorectomy*
- 35664-00 *Radical abdominal hysterectomy with radical excision of pelvic lymph nodes*
- 35670-00 *Abdominal hysterectomy with radical excision of pelvic lymph nodes*
- 35723-01 *Pelvic or abdominal lymph node sampling for staging of gynaecological malignancy*
- 35667-00 *Radical abdominal hysterectomy*

N03B Uterine, adnexa procedure for non-ovarian or adnexal malignancy without complication and/or comorbidity

Most frequently reported principal diagnoses

- C54.1 *Malignant neoplasm of endometrium*
- C53.9 *Malignant neoplasm of cervix uteri, unspecified*
- C55 *Malignant neoplasm of uterus, part unspecified*
- C54.9 *Malignant neoplasm of corpus uteri, unspecified*
- C54.2 *Malignant neoplasm of myometrium*

Most frequently reported operating room procedures

- 35653-03 *Abdominal hysterectomy with bilateral salpingo-oophorectomy*
- 35664-00 *Radical abdominal hysterectomy with radical excision of pelvic lymph nodes*
- 35633-01 *Polypectomy of uterus via hysteroscopy*
- 35670-00 *Abdominal hysterectomy with radical excision of pelvic lymph nodes*
- 35667-00 *Radical abdominal hysterectomy*

Adjacent medical DRGs

N60A Malignancy, female reproductive system with catastrophic or severe complication and/or comorbidity

N60B Malignancy, female reproductive system without catastrophic or severe complication and/or comorbidity

Clinical profile

	N60A	N60B
Total number of episodes	2,049	2,177
ALOS (days)	9.17	3.99
Age range with highest % of patients	50–69 years	50–69 years
Gender profile	female 100.0%	100.0%

N60A Malignancy, female reproductive system with catastrophic or severe complication and/or comorbidity

Most frequently reported principal diagnoses

- C56 *Malignant neoplasm of ovary*
- C53.9 *Malignant neoplasm of cervix uteri, unspecified*
- C54.1 *Malignant neoplasm of endometrium*
- C55 *Malignant neoplasm of uterus, part unspecified*
- C51.9 *Malignant neoplasm of vulva, unspecified*

Most frequently reported complications and/or comorbidities

- (*2) C78.6 *Secondary malignant neoplasm of retroperitoneum and peritoneum*
- (*2) D63.0 *Anaemia in neoplastic disease*
- (*2) C78.7 *Secondary malignant neoplasm of liver*
- (*2) C78.0 *Secondary malignant neoplasm of lung*
- (*2) C79.88 *Secondary malignant neoplasm of other specified sites*

N60B Malignancy, female reproductive system without catastrophic or severe complication and/or comorbidity

Most frequently reported principal diagnoses

- C56 *Malignant neoplasm of ovary*
- C53.9 *Malignant neoplasm of cervix uteri*
- C54.1 *Malignant neoplasm of endometrium*
- C55 *Malignant neoplasm of uterus, part unspecified*
- C51.9 *Malignant neoplasm of vulva, unspecified*

Hysterectomy

Document and specify

Reason for the hysterectomy, for example

- leiomyomata (fibroids) – specify intramural, submucous or subserosal
- dysfunctional uterine bleeding – specify:
 - cause if known, for example, endometrial carcinoma
 - menopausal or premenopausal
- menorrhagia – specify:
 - cause if known, for example, submucous leiomyoma
 - menopausal or premenopausal
- **endometriosis**
- **neoplasm**
- **uterine prolapse**
- **adenomyosis**
- endometrial hyperplasia

Approach and type, such as

- abdominal/open
- complete/total
- laparoscopically-assisted vaginal hysterectomy (LAVH)
- laparoscopic
- partial/subtotal
- radical
- vaginal

Additional interventions, for example

- salpingectomy – specify unilateral or bilateral
- oophorectomy – specify unilateral or bilateral
- lymph node excision – specify
 - site
 - ♦ pelvic
 - ♦ para-aortic
 - extent
 - ♦ regional
 - ♦ radical
- retroperitoneal dissection

Complications, for example

- haemorrhage – specify intra-operative or post-operative
- fever
- operative site infection – specify infectious organism if known
- pelvic abscess
- **urinary tract infection – specify**
- interventional injuries, for example
 - ureteral
 - bowel
 - bladder

DRG information

Adjacent surgical DRGs

N03A Uterine, adnexa procedure for non-ovarian or adnexal malignancy with complication and/or comorbidity

N03B Uterine, adnexa procedure for non-ovarian or adnexal malignancy without complication and/or comorbidity

Clinical profile

	N03A	N03B
Total number of episodes	877	1,368
ALOS (days)	8.08	4.67
Age range with highest % of patients	50–69 years	50–69 years
Gender profile	female	100.0%

N03A Uterine, adnexa procedure for non-ovarian or adnexal malignancy with complication and/or comorbidity

Most frequently reported principal diagnoses

- C54.1 Malignant neoplasm of endometrium
- C53.9 Malignant neoplasm of cervix uteri, unspecified
- C55 Malignant neoplasm of uterus, part unspecified
- C54.9 Malignant neoplasm of corpus uteri, unspecified
- C54.3 Malignant neoplasm of fundus uteri

Most frequently reported complications and/or comorbidities

- (*2) E11.72 Type 2 diabetes mellitus with features of insulin resistance
- (*3) C77.5 Secondary and unspecified malignant neoplasm of intrapelvic lymph nodes
- (*3) N39.0 Urinary tract infection, site not specified
- (*3) C78.6 Secondary malignant neoplasm of retroperitoneum and peritoneum
- (*3) I48 Atrial fibrillation and flutter

Most frequently reported operating room procedures

- 35653-03 Abdominal hysterectomy with bilateral salpingo-oophorectomy
- 35664-00 Radical abdominal hysterectomy with radical excision of pelvic lymph nodes
- 35670-00 Abdominal hysterectomy with radical excision of pelvic lymph nodes
- 35723-01 Pelvic or abdominal lymph node sampling for staging of gynaecological malignancy
- 35667-00 Radical abdominal hysterectomy

N03B Uterine, adnexa procedure for non-ovarian or adnexal malignancy without complication and/or comorbidity

Most frequently reported principal diagnoses

- C54.1 Malignant neoplasm of endometrium
- C53.9 Malignant neoplasm of cervix uteri, unspecified
- C55 Malignant neoplasm of uterus, part unspecified
- C54.9 Malignant neoplasm of corpus uteri, unspecified
- C54.2 Malignant neoplasm of myometrium

Most frequently reported operating room procedures

- 35653-03 Abdominal hysterectomy with bilateral salpingo-oophorectomy
- 35664-00 Radical abdominal hysterectomy with radical excision of pelvic lymph nodes
- 35633-01 Polypectomy of uterus via hysteroscopy
- 35670-00 Abdominal hysterectomy with radical excision of pelvic lymph nodes
- 35667-00 Radical abdominal hysterectomy

Surgical DRG

N04Z Hysterectomy for non-malignancy

Clinical profile

Clinical profile		N04Z
Total number of episodes		27,901
ALOS (days)		4.15
Age range with highest % of patients		35–49 years
Gender profile	female	100.0%

Most frequently reported principal diagnoses

N92.0	<i>Excessive and frequent menstruation with regular cycle</i>
D25.9	<i>Leiomyoma of uterus, unspecified</i>
N81.4	<i>Uterovaginal prolapse, unspecified</i>
N80.0	<i>Endometriosis of uterus</i>
D25.1	<i>Intramural leiomyoma of uterus</i>

Most frequently reported operating room procedures

35657-00	<i>Vaginal hysterectomy</i>
35653-01	<i>Total abdominal hysterectomy</i>
35653-03	<i>Abdominal hysterectomy with bilateral salpingo-oophorectomy</i>
35750-00	<i>Laparoscopically assisted vaginal hysterectomy</i>
35653-02	<i>Abdominal hysterectomy with unilateral salpingo-oophorectomy</i>

Impact on DRG assignment

Age	45 years
Gender	Female
Diagnosis	Menorrhagia, total abdominal hysterectomy
Principal diagnosis	N92.0 <i>Excessive and frequent menstruation with regular cycle</i>
Procedure	35653-01 [1268] <i>Total abdominal hysterectomy</i>
MDC	13 Diseases and disorders of the female reproductive system
DRG	N04Z Hysterectomy for non-malignancy
AR-DRG cost weight	1.86
ALOS	4.07 days

Reimbursement \$5,801

Diagnosis	Carcinoma of endometrium, total abdominal hysterectomy
Principal diagnosis	C54.1 <i>Malignant neoplasm of endometrium</i>
Procedure	35653-01 [1268] <i>Total abdominal hysterectomy</i>
MDC	13 Diseases and disorders of the female reproductive system
DRG	N03B Uterine, adnexa procedures for non-ovarian or adnexal malignancy without complication and/or comorbidity
AR-DRG cost weight	2.52
ALOS	4.73 days

Reimbursement \$7,860

Intraepithelial neoplasia

Document and specify

Site, for example

- vulva (VIN)
- vagina (VAIN)
- cervix (CIN)

Grade of severity, such as I, II or III

Infectious organism, if known, for instance

- human papillomavirus (HPV)

Interventions performed, for example

- colposcopy
- biopsy, specify type, for example
 - cone
 - punch
- laser destruction
- diathermy – specify if radical
- cautery
- cryotherapy
- excision
 - large loop excision of transformation zone (LLETZ)
 - loop electrosurgery excision procedure (LEEP)
- irradiation

DRG information

Surgical DRG

N09Z Conisation, vagina, cervix and vulva procedures

Clinical profile

Total number of episodes		N09Z	34,268
ALOS (days)			1.15
Age range with highest % of patients			15–34 years
Gender profile	female		100.0%

Most frequently reported principal diagnoses

N87.1	<i>Moderate cervical dysplasia</i>
D06.9	<i>Carcinoma in situ of cervix, unspecified</i>
N87.0	<i>Mild cervical dysplasia</i>
N84.1	<i>Polyp of cervix uteri</i>
N75.1	<i>Abscess of Bartholin's gland</i>

Most frequently reported operating room procedures

35647-00	<i>Large loop excision of transformation zone (LLETZ)</i>
35608-00	<i>Cautery of cervix</i>
35608-02	<i>Biopsy of cervix</i>
35611-00	<i>Cervical polypectomy</i>
35618-00	<i>Cone biopsy of cervix</i>

Menstrual disorders

Document and specify

Type of menstrual disorder for example

- amenorrhoea, such as
 - primary
 - secondary
- oligomenorrhoea, for example
 - primary
 - secondary
- excessive, frequent or irregular menstruation
 - with regular or irregular cycle
 - at puberty
 - ovulation bleeding
 - menorrhagia, for instance
 - ◆ premenopausal
 - ◆ postmenopausal

DRG information

Surgical DRG

N10Z Diagnostic curettage or diagnostic hysteroscopy

Clinical profile

		N10Z
Total number of episodes		33,757
ALOS (days)		1.05
Age range with highest % of patients		35–49 years
Gender profile	female	100.0%

Most frequently reported principal diagnoses

N92.0	<i>Excessive and frequent menstruation with regular cycle</i>
N95.0	<i>Postmenopausal bleeding</i>
N93.8	<i>Other specified abnormal uterine and vaginal bleeding</i>
N84.0	<i>Polyp of corpus uteri</i>
N93.9	<i>Abnormal uterine and vaginal bleeding, unspecified</i>

Most frequently reported operating room procedures

35630-00	<i>Diagnostic hysteroscopy</i>
35640-00	<i>Dilation and curettage of uterus (D&C)</i>
35640-01	<i>Curettage of uterus without dilation</i>

Adjacent medical DRGs

N62A Menstrual and other female reproductive system disorders with complication and/or comorbidity

N62B Menstrual and other female reproductive system disorders without complication and/or comorbidity

Clinical profile

		N62A	N62B
Total number of episodes		2,016	15,200
ALOS (days)		2.42	1.29
Age range with highest % of patients		35–49 years	15–34 years
Gender profile	female	100.0%	100.0%

N62A Menstrual and other female reproductive system disorders with complication and/or comorbidity

Most frequently reported principal diagnoses

N92.0	<i>Excessive and frequent menstruation with regular cycle</i>
N39.3	<i>Stress incontinence</i>
N93.9	<i>Abnormal uterine and vaginal bleeding, unspecified</i>
N83.2	<i>Other and unspecified ovarian cysts</i>
R10.2	<i>Pelvic and perineal pain</i>

Most frequently reported complications and/or comorbidities

(*2) N39.0	<i>Urinary tract infection, site not specified</i>
(*2) D50.0	<i>Iron deficiency anaemia secondary to blood loss (chronic)</i>
(*2) N39.4	<i>Other specified urinary incontinence</i>
(*2) E11.72	<i>Type 2 diabetes mellitus with features of insulin resistance</i>
(*2) D62	<i>Acute posthaemorrhagic anaemia</i>

N62B Menstrual and other female reproductive system disorders without complication and/or comorbidity

Most frequently reported principal diagnoses

N83.2	<i>Other and unspecified ovarian cysts</i>
R10.2	<i>Pelvic and perineal pain</i>
N39.3	<i>Stress incontinence</i>
Z30.1	<i>Insertion of (intrauterine) contraceptive device</i>
N93.9	<i>Abnormal uterine and vaginal bleeding, unspecified</i>

Ovarian cysts

Document and specify

Nature of the cyst, for example

- functional, such as
 - follicular
 - simple
 - corpus luteum
 - polycystic or multicystic
- neoplastic
 - benign
 - malignant
- endometriotic

Interventions performed such as

- drainage
- excision

DRG information

Adjacent surgical DRGs

N05A Oophorectomies and complex fallopian tube procedures for non-malignancy with catastrophic or severe complication and/or comorbidity

N05B Oophorectomies and complex fallopian tube procedures for non-malignancy without catastrophic or severe complication and/or comorbidity

Clinical profile

	N05A	N05B
Total number of episodes	635	5,774
ALOS (days)	6.39	2.61
Age range with highest % of patients	35-49 years	35-49 years
Gender profile	female 100.0%	100.0%

N05A Oophorectomies and complex fallopian tube procedures for non-malignancy with catastrophic or severe complication and/or comorbidity

Most frequently reported principal diagnoses

D27	<i>Benign neoplasm of ovary</i>
N83.2	<i>Other and unspecified ovarian cysts</i>
N83.1	<i>Corpus luteum cysts</i>
N80.1	<i>Endometriosis of ovary</i>
N70.1	<i>Chronic salpingitis and oophoritis</i>

Most frequently reported complications and/or comorbidities

(*3) N39.0	<i>Urinary tract infection, site not specified</i>
(*3) T81.0	<i>Haemorrhage and haematoma complicating a procedure, not elsewhere classified</i>
(*3) T81.2	<i>Accidental puncture and laceration during a procedure, not elsewhere classified</i>
(*3) T81.41	<i>Wound infection following a procedure</i>
(*3) R33	<i>Retention of urine</i>

Most frequently reported operating room procedures

- 35713-11 *Salpingo-oophorectomy, unilateral*
- 35717-04 *Salpingo-oophorectomy, bilateral*
- 35713-07 *Oophorectomy, unilateral*
- 35638-11 *Laparoscopic salpingo-oophorectomy, unilateral*
- 35638-12 *Laparoscopic salpingo-oophorectomy, bilateral*

N05B Oophorectomies and complex fallopian tube procedures for non-malignancy without catastrophic or severe complication and/or comorbidity

Most frequently reported principal diagnoses

- D27 *Benign neoplasm of ovary*
- N83.2 *Other and unspecified ovarian cysts*
- N80.1 *Endometriosis of ovary*
- N83.1 *Corpus luteum cysts*
- Z31.0 *Tuboplasty or vasoplasty after previous sterilisation*

Most frequently reported operating room procedures

- 35638-11 *Laparoscopic salpingo-oophorectomy, unilateral*
- 35713-11 *Salpingo-oophorectomy, unilateral*
- 35638-02 *Laparoscopic oophorectomy, unilateral*
- 35638-12 *Laparoscopic salpingo-oophorectomy, bilateral*
- 35713-07 *Oophorectomy, unilateral*

Surgical DRG

N07Z Other uterine and adnexa procedures for non-malignancy

Clinical profile

Total number of episodes		N07Z
ALOS (days)		60,207
Age range with highest % of patients		1.18
Gender profile	female	35–49 years
		100.0%

Most frequently reported principal diagnoses

- Z31.2 *In vitro fertilisation*
- N84.0 *Polyp of corpus uteri*
- N92.0 *Excessive and frequent menstruation with regular cycle*
- N80.3 *Endometriosis of pelvic peritoneum*
- N97.9 *Female infertility, unspecified*

Most frequently reported operating room procedures

- 13212-00 *Transvaginal oocyte retrieval*
- 35633-01 *Polypectomy of uterus via hysteroscopy*
- 35637-02 *Laparoscopic diathermy of lesion of pelvic cavity*
- 35622-00 *Endoscopic endometrial ablation*
- 35638-04 *Laparoscopic ovarian cystectomy, unilateral*

Aspiration of ovarian cyst is ranked 17th and Laparoscopic rupture of ovarian cyst or abscess is ranked 20th in this DRG. Rupture of ovarian cyst or abscess is not ranked in the top 20 procedures

Pelvic inflammatory disease (PID)

Document and specify

Acute or **chronic**

Infectious organism, if known

Complications, for instance

- abscess – specify site
- adhesions – specify site

Interventions performed, for example

- division of adhesions
- pelvic lavage
- aspiration

DRG information

Medical DRG

N61Z Infections, female reproductive system

Clinical profile

Total number of episodes		N61Z
ALOS (days)		2,413
Age range with highest % of patients		2.54
Gender profile	female	15–34 years
		100.0%

Most frequently reported principal diagnoses

N73.9	<i>Female pelvic inflammatory disease, unspecified</i>
N76.4	<i>Abscess of vulva</i>
N71.9	<i>Inflammatory disease of uterus, unspecified</i>
N75.1	<i>Abscess of Bartholin's gland</i>
A60.0	<i>Herpesviral infection of genitalia and urogenital tract</i>

Surgical sterilisation

Document and specify

Method, for example

- electrodestruction
- application of clips
- ligation of fallopian tubes
- occlusion of fallopian tubes
- salpingectomy, such as
 - unilateral or bilateral
 - partial or total

Approach, such as

- open abdominal
- laparoscopic
- vaginal
- laparoscopic converted to open

Complications, for example

- perforation – specify organ
- burns – specify organ

DRG information

Surgical DRG

N08Z Endoscopic and laparoscopic procedures for female reproductive system

Clinical profile

Clinical profile		N08Z
Total number of episodes		26,628
ALOS (days)		1.15
Age range with highest % of patients		15–34 years
Gender profile	female	100.0%

Most frequently reported principal diagnoses

Z30.2	<i>Sterilisation</i>
N97.9	<i>Female infertility, unspecified</i>
R10.2	<i>Pelvic and perineal pain</i>
N80.3	<i>Endometriosis of pelvic peritoneum</i>
N73.6	<i>Female pelvic peritoneal adhesions</i>

Most frequently reported operating room procedures

30390-00	<i>Laparoscopy</i>
35688-00	<i>Laparoscopic sterilisation</i>
30393-00	<i>Laparoscopic division of abdominal adhesions</i>
35637-10	<i>Laparoscopic excision of lesion of pelvic cavity</i>
30572-00	<i>Laparoscopic appendicectomy</i>

Adjacent surgical DRGs

N11A Other female reproductive system operating room procedures age >64 or with malignancy or with complication and/or comorbidity

N11B Other female reproductive system operating room procedures age <65 without malignancy without complication and/or comorbidity

Clinical profile

	N11A	N11B
Total number of episodes	361	19,633
ALOS (days)	8.19	1.06
Age range with highest % of patients	50–69 years	35–49 years
Gender profile	female	100.0%

N11A Other female reproductive system operating room procedures age >64 or with malignancy or with complication and/or comorbidity

Most frequently reported principal diagnoses

C56	Malignant neoplasm of ovary
Z31.2	In vitro fertilisation
N73.6	Female pelvic peritoneal adhesions
C53.9	Malignant neoplasm of cervix uteri, unspecified
R10.2	Pelvic and perineal pain

Most frequently reported complications and/or comorbidities

(*3) C78.6	Secondary malignant neoplasm of retroperitoneum and peritoneum
(*2) E11.72	Type 2 diabetes mellitus with features of insulin resistance
(*3) N39.0	Urinary tract infection, site not specified
(*3) T81.41	Wound infection following a procedure
(*3) T81.2	Accidental puncture and laceration during a procedure, not elsewhere classified

Most frequently reported operating room procedures

30378-00	Division of abdominal adhesions
30373-00	Exploratory laparotomy
30394-00	Drainage of intra-abdominal abscess, haematoma or cyst
35713-14	Excision of lesion of pelvic cavity
13215-01	Embryo transfer to uterus

N11B Other female reproductive system operating room procedures age <65 without malignancy without complication and/or comorbidity

Most frequently reported principal diagnoses

Z31.2	In vitro fertilisation
N97.9	Female infertility, unspecified
Z30.2	Sterilisation
N73.6	Female pelvic peritoneal adhesions
N82.0	Vesicovaginal fistula

Most frequently reported operating room procedures

13215-01	Embryo transfer to uterus
35688-01	Sterilisation via vaginal approach
35688-02	Sterilisation via open abdominal approach
30378-00	Division of abdominal adhesions
35713-14	Excision of lesion of pelvic cavity

Other DRG information

AR-DRG v5.0 N08Z Endoscopic procedures for female reproductive system was renamed to N08Z Endoscopic and laparoscopic procedures for female reproductive system in v5.1 to better reflect the content of the DRG. There was no change to the procedure codes that group to this DRG.

Impact on DRG assignment

Age	35 years
Gender	Female
Diagnosis	Fertility, laparoscopic sterilisation
Principal diagnosis	Z30.2 <i>Sterilisation</i>
Procedure	35688-00 [1257] <i>Laparoscopic sterilisation</i>
MDC	13 Diseases and disorders of the female reproductive system
DRG	N08Z Endoscopic and laparoscopic procedures for female reproductive system
AR-DRG cost weight	0.72
ALOS	1.17 days

Reimbursement \$2,246

Diagnosis	Fertility, vaginal sterilisation
Principal diagnosis	Z30.2 <i>Sterilisation</i>
Procedure	35688-01 <i>Vaginal sterilisation</i>
MDC	13 Diseases and disorders of the female reproductive system
N11B	Other female reproductive system operating room procedures age <65 without malignancy without complication and/or comorbidity
AR-DRG cost weight	0.59
ALOS	1.30 days

Reimbursement \$1,840

Uterine and vaginal prolapse

Document and specify

Degree of uterine prolapse, for example

- incomplete or first or second degree
- complete or third degree

Any **coexisting**

- enterocele
- cystocele
- rectocele
- urethrocele

Associated **urinary incontinence, stress incontinence** or **retention**

Erosion or **ulceration** of exposed cervix or vagina

Interventions performed, for example

- repair
- colpocleisis
- colposuspension
- amputation of prolapsed cervix
- **hysterectomy**

DRG information

Surgical DRG

N06Z Female reproductive system reconstructive procedures

Clinical profile

		N06Z
Total number of episodes		17,471
ALOS (days)		3.05
Age range with highest % of patients		50–69 years
Gender profile	female	100.0%

Most frequently reported principal diagnoses

N39.3	<i>Stress incontinence</i>
N81.1	<i>Cystocele</i>
N81.6	<i>Rectocele</i>
N81.4	<i>Uterovaginal prolapse, unspecified</i>
N99.3	<i>Prolapse of vaginal vault after hysterectomy</i>

Most frequently reported operating room procedures

35599-00	<i>Sling procedure for stress incontinence</i>
35580-00	<i>Repair of cystocele and rectocele</i>
35576-01	<i>Repair of rectocele</i>
35576-00	<i>Repair of cystocele</i>
37044-01	<i>Retropubic procedure for stress incontinence, female</i>