

HISTOPATHOLOGY REPORTING GUIDE:

Malignant ovarian surface epithelial/stromal tumours

Last name.....Date of birth.....
Forename
Patient identifiers.....Date of request

Clinical History.....
Clinical presentation
Hormonal status.....Medical historyHormonal therapy
Family history.....
Previous biopsies or cytological samples
Tumour markers
Previous chemotherapy

Details of surgical specimen

Left Right
Biopsy partial oophorectomy oophorectomy salpingo-oophorectomy
Hysterectomy with salpingo-oophorectomy pelvic exenteration

Accompanying specimens

peritoneal biopsy omentum appendix peritoneal washings/ascitic fluid
lymph nodes (specify)other (specify)

Gross description

Tumour

Intact tumour fragmented tumour ovarian capsule: intact breached
Macroscopic surface involvement: yes no
Tumour size in 3 dimensionsx...x...mm.
Tumour colourtumour consistency.....
Presence of cysts presence of papillary areas presence of solid areas
Tumour necrosis tumour haemorrhage

Accompanying specimens

Biopsies (dimensions)mm
Omentum (dimensions)mm (description).....
Appendix (dimensions)mm (description).....
Lymph nodes (dimensions)mm
Others specimens.....

Relationship to adjacent or attached structures.....
.....

RECOMMENDATIONS FOR THE REPORTING OF OVARIAN SURFACE EPITHELIAL/STROMAL TUMOURS
European Society of Pathology: Gynaecopathology Working Group

Data to be included in the final pathology report - I

Histological type (World Health Organization (WHO) 2002 classification (15))

- Serous tumours
 - Malignant
 - Adenocarcinoma
 - Surface papillary adenocarcinoma
 - Adenocarcinofibroma
 - Borderline tumours
 - Papillary cystic tumour
 - Surface papillary tumour
 - Adenofibroma, cystadenofibroma
 - Benign
 - Cystadenoma
 - Papillary cystadenoma
 - Surface papilloma
 - Adenofibroma and cystadenofibroma
- Mucinous tumours
 - Malignant
 - Adenocarcinoma
 - Adenocarcinofibroma
 - Borderline tumours
 - Intestinal type
 - Endocervical-like
 - Benign
 - Cystadenoma
 - Adenofibroma and cystadenofibroma
- Endometrioid tumours
 - Malignant
 - Adenocarcinoma
 - Adenocarcinofibroma
 - Malignant Mullerian mixed tumour
 - Adenosarcoma
 - Endometrioid stromal sarcoma (low grade)
 - Undifferentiated ovarian sarcoma
 - Borderline tumours
 - Cystic tumour
 - Adenofibroma and cystadenofibroma
 - Benign
 - Cystadenoma
 - Adenofibroma and cystadenofibroma
- Clear cell tumours
 - Malignant
 - Adenocarcinoma
 - Adenocarcinofibroma
 - Borderline tumours
 - Cystic tumour
 - Adenofibroma, cystadenofibroma
 - Benign
 - Cystadenoma
 - Adenofibroma and cystadenofibroma
- Transitional cells tumours
 - Malignant
 - Transitional cell carcinoma (non-Brenner type)
 - Malignant Brenner tumour
 - Borderline tumours
 - Borderline Brenner tumour
 - Benign
 - Brenner tumour
- Squamous cell tumours
 - Squamous cell carcinoma
 - Epidermoid cyst
- Mixed epithelial tumours (specify components)
 - Malignant
 - Borderline
 - Benign
- Undifferentiated and unclassified tumours
 - Undifferentiated carcinoma
 - Adenocarcinoma, not otherwise specified

Data to be included in the final pathology report - II

Histological grade:

Serous carcinoma: Low-grade High-grade

Carcinosarcoma, clear cell carcinoma, undifferentiated carcinoma: High-grade/grade3

Endometrial and mucinous adenocarcinoma: grade 1 grade 2 grade 3

Histological findings to be included in the final pathology report - III

Laterality: right left

Microscopic evidence of lymphovascular invasion: Yes No Not assessable

Involvement of ovarian capsule: Yes No Not assessable

Malignant cells in peritoneal/ascitic fluid: Yes No Not assessable

Peritoneal deposits: Present Absent Not assessable

Tubal involvement: No Macroscopic Microscopic

Uterine serosal involvement: No Macroscopic Microscopic

Omental involvement: No Macroscopic Microscopic <20mm >20mm

Peritoneal metastasis: No Yes <20mm >20mm

Lymph node involvement: No Yes

Other findings (specify):.....

Distant metastasis: Present Absent Not known

Data to be included in the final pathology report - IV

Pre-existing borderline tumour: Present Absent

Endometriosis: Present Absent

Post chemotherapy changes: Present Absent

Immunohistochemistry (optional; specify):

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Other ancillary studies (optional; specify):.....

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Pathologic ovarian staging form: extent of disease through completion of definitive surgery (22)

Primary tumour (T)	TNM category	FIGO STAGE	
Primary tumour cannot be assessed:	TX		<input type="checkbox"/>
No evidence of primary tumour:	T0		<input type="checkbox"/>
Tumour limited to ovaries (one or both):	T1	I	<input type="checkbox"/>
Tumour is limited to one ovary, capsule intact, no tumour on ovarian surface, no cancer cells in the abdominal fluid:	T1a	IA	<input type="checkbox"/>
Tumours limited to both ovaries, capsules intact, no cancer cells in the abdominal fluid:	T1b	IB	<input type="checkbox"/>
Tumour limited to one or both ovaries with any of the following: capsule ruptured, tumour on ovarian surface, cancer cells in the abdominal fluid:	T1c	IC	<input type="checkbox"/>
The tumour involves one or both ovaries with pelvic extension	T2	II	<input type="checkbox"/>
Extension and/or implants on uterus and/or tubes. No cancer cells are found in the abdominal fluid:	T2a	IIA	<input type="checkbox"/>
Extension and/or implants on other pelvic tissue. No cancer cells in the abdominal fluid:	T2b	IIB	<input type="checkbox"/>
Pelvic extension and/or implants with cancer cells in the abdominal fluid:	T2c	IIC	<input type="checkbox"/>
Tumour involves one or both ovaries with microscopically confirmed peritoneal metastasis outside the pelvis	T3	III	<input type="checkbox"/>
Microscopic peritoneal metastasis beyond the pelvis, no macroscopic tumour	T3a	IIIA	<input type="checkbox"/>
Macroscopic peritoneal metastasis beyond pelvis 2 cm or less:	T3b	IIIB	<input type="checkbox"/>
Peritoneal metastasis beyond pelvis more than 2 cm and/or regional lymph nodes metastasis:	T3c	IIIC	<input type="checkbox"/>

Note: Liver capsule metastasis T3/Stage III. Liver parenchymal metastasis M1/Stage IV Pleural effusion must have positive cytology for M1/Stage IV .

Regional lymph nodes (T)	TNM category	FIGO STAGE	
Regional lymph nodes cannot be assessed:	NX		<input type="checkbox"/>
No regional lymph nodes metastasis:	N0		<input type="checkbox"/>
Regional lymph nodes metastasis:	N1	IIIC	<input type="checkbox"/>

Distant metastasis (M)	TNM category	FIGO STAGE	
N0 (No pathological M0; use the clinical M to complete stage group)	M0		<input type="checkbox"/>
Distant metastasis (excludes peritoneal metastasis)	M1	IV	<input type="checkbox"/>