

Supplement 1: ICD-02 / 03 morphological classification of ovarian tumours

morphology code	behaviour	category	description
80001	borderline	unknown	neoplasm, uncertain whether benign or malignant
80011	borderline	unknown	tumour cells uncertain whether benign or malignant
80101	borderline	epithelial (other)	epithelial tumour, uncertain behaviour
80105	borderline	epithelial (unknown)	carcinoma in situ with microinvasion
81405	borderline	epithelial (unknown)	adenoma
82401	borderline	non-epithelial	carcinoid tumour nos
83131	borderline	epithelial (clear cell)	clear cell adenofibroma of borderline malignancy
83801	borderline	epithelial (endometrioid)	endometrioid adenoma, borderline malignancy
83811	borderline	epithelial (endometrioid)	endometrioid adenofibroma borderline malignancy
84401	borderline	epithelial (unknown)	cystadenocarcinoma borderline malignancy
84411	borderline	epithelial (serous)	serous cystadenoma, borderline malignancy
84415	borderline	epithelial (serous)	serous cystadenoma nos
84421	borderline	epithelial (serous)	serous borderline tumor, nos
84422	borderline	epithelial (serous)	borderline serous tumour with high grade dysplasia
84423	borderline	epithelial (serous)	serous cystadenoma, borderline malignancy
84425	borderline	epithelial (serous)	serous cystadenoma, microinvasion
84441	borderline	epithelial (clear cell)	clear cell cystic tumor of borderline malignancy
84511	borderline	epithelial (unknown)	papillary cystadenoma, borderline malignancy
84513	borderline	epithelial (unknown)	papillary cystadenoma borderline malignancy
84515	borderline	epithelial (unknown)	papillary cystadenoma, borderline malignancy
84601	borderline	epithelial (serous)	papillary serous cystadenoma borderline malignancy
84605	borderline	epithelial (serous)	papillary serous cystadenoma, nos
84611	borderline	epithelial (serous)	serous surface papilloma borderline malignancy
84621	borderline	epithelial (serous)	serous papillary cystic tumor of borderline malignancy
84623	borderline	epithelial (serous)	papillary serous cystadenoma, borderline malignancy
84625	borderline	epithelial (serous)	papillary serous cystadenoma, microinvasion
84631	borderline	epithelial (serous)	serous surface papillary tumor of borderline malignancy
84701	borderline	epithelial (mucinous)	cystadenoma mucinous b/l
84705	borderline	epithelial (mucinous)	mucinous cystadenoma
84721	borderline	epithelial (mucinous)	mucinous cystic tumor of borderline malignancy
84722	borderline	epithelial (mucinous)	mucinous cystic tumor of borderline malignancy with intraepithelial carcinoma
84723	borderline	epithelial (mucinous)	mucinous cystadenoma, borderline malignancy
84725	borderline	epithelial (mucinous)	mucinous cystadenoma, microinvasive
84731	borderline	epithelial (mucinous)	papillary mucinous cystadenoma borderline malignancy
84733	borderline	epithelial (mucinous)	papillary mucinous cystadenoma, borderline malignancy
84741	borderline	epithelial (other)	seromucinous borderline tumour
84801	borderline	epithelial (mucinous)	low grade appendiceal mucinous neoplasm
84811	borderline	epithelial (mucinous)	mucin-producing adenocarcinoma borderline malignancy
85901	borderline	non-epithelial (sex cord stromal)	sex cord stromal tumour
86211	borderline	non-epithelial (sex cord stromal)	granulosa cell theca-cell tum
86221	borderline	non-epithelial (sex cord stromal)	granulosa cell tumor, juvenile (not testis)
86311	borderline	non-epithelial (sex cord stromal)	sertoli-leydig cell tumor of intermediate differentiation
86321	borderline	non-epithelial (sex cord stromal)	gynandroblastoma
86401	borderline	non-epithelial (sex cord stromal)	sertoli cell tumour
86501	borderline	non-epithelial (sex cord stromal)	leydig cell tumour nos
88101	borderline	non-epithelial (sex cord stromal)	cellular fibroma
88971	borderline	non-epithelial	smooth muscle tumour of uncertain malignant potent

89351	borderline	non-epithelial (sex cord stromal)	stromal tumor, nos
89901	borderline	non-epithelial	mesenchymoma, nos
90001	borderline	epithelial (other)	brenner tumor, borderline malignancy
90003	borderline	epithelial (other)	brenner tumor, malignant
90131	borderline	epithelial (unknown)	adenofibroma borderline malignancy
90141	borderline	epithelial (serous)	serous adenofibroma of borderline malignancy
90151	borderline	epithelial (mucinous)	mucinous adenofibroma of borderline malignancy
90731	borderline	non-epithelial (germ cell)	gonadoblastoma
90801	borderline	non-epithelial (germ cell)	teratoma
90911	borderline	non-epithelial (germ cell)	strumal carcinoid
91101	borderline	epithelial (other)	mesonephric tumour, nos
80003	invasive	unknown	neoplasm, malignant
80009	invasive	epithelial (other)	neoplasm, malignant unknown if primary or metastatic
80043	invasive	epithelial (unknown)	malignant tumor, spindle cell type
80053	invasive	epithelial (clear cell)	malignant tumor, clear cell type
80103	invasive	epithelial (unknown)	carcinoma nos
80133	invasive	epithelial (other)	large cell neuroendocrine carcinoma
80203	invasive	epithelial (other)	carcinoma, undifferentiated nos
80213	invasive	epithelial (unknown)	carcinoma anaplastic type
80223	invasive	epithelial (unknown)	pleomorphic carcinoma
80333	invasive	epithelial (other)	pseudosarcomatous carcinoma
80413	invasive	epithelial (other)	small cell carcinoma nos
80443	invasive	epithelial (other)	small cell carcinoma, hypercalcaemic type
80463	invasive	epithelial (unknown)	non-small cell carcinoma
80503	invasive	epithelial (unknown)	papillary carcinoma nos
80523	invasive	epithelial (other)	papillary squamous cell carcinoma
80703	invasive	epithelial (other)	squamous cell carcinoma nos
80713	invasive	epithelial (other)	squamous cell carcinoma, keratinizing, nos
80733	invasive	epithelial (other)	squamous cell carcinoma small cell non-keratinisin
81203	invasive	epithelial (other)	transitional cell ca nos
81403	invasive	epithelial (unknown)	adenocarcinoma nos
81409	invasive	epithelial (unknown)	adenocarcinoma, nos unknown if primary or metastatic
81443	invasive	epithelial (unknown)	adenocarcinoma intestinal type
82403	invasive	non-epithelial	carcinoid tumor nos
82433	invasive	non-epithelial	goblet cell carcinoid
82463	invasive	epithelial (other)	neuroendocrine carcinoma
82493	invasive	non-epithelial	atypical carcinoid/grade 2 neuroendocrine tumour
82553	invasive	epithelial (unknown)	adenocarcinoma with mixed subtypes
82603	invasive	epithelial (unknown)	adenocarcinoma papillary nos
83103	invasive	epithelial (clear cell)	clear cell adenocarcinoma nos
83203	invasive	non-epithelial (sex cord stromal)	granular cell carcinoma
83233	invasive	epithelial (other)	mixed cell adenocarcinoma
83803	invasive	epithelial (endometrioid)	endometrioid carcinoma
83823	invasive	epithelial (endometrioid)	endometrioid adenocarcinoma, secretory variant
84403	invasive	epithelial (unknown)	cystadenocarcinoma nos
84413	invasive	epithelial (serous)	serous cystadenocarcinoma nos
84503	invasive	epithelial (unknown)	cystadenocarcin papillary nos
84603	invasive	epithelial (serous)	papillary serous cystadenocarcinoma
84613	invasive	epithelial (serous)	serous surface papillary carcinoma
84703	invasive	epithelial (mucinous)	mucinous cystadenocarcinoma nos
84713	invasive	epithelial (mucinous)	papillary mucinous cystadenocarcinoma
84743	invasive	epithelial (other)	seromucinous carcinoma
84803	invasive	epithelial (mucinous)	mucinous adenocarcinoma
84813	invasive	epithelial (mucinous)	mucin-producing adenocarcinoma
84823	invasive	epithelial (mucinous)	mucinous adenocarcinoma, endocervical type

84903	invasive	epithelial (mucinous)	signet ring cell carcinoma
85603	invasive	epithelial (other)	adenosquamous carcinoma
85743	invasive	epithelial (unknown)	adenocarcinoma with neuroendocrine differentiation
85753	invasive	epithelial (unknown)	metaplastic carcinoma, nos
86003	invasive	non-epithelial (sex cord stromal)	theca cell carcinoma
86201	invasive	non-epithelial (sex cord stromal)	granulosa cell tumor nos
86203	invasive	non-epithelial (sex cord stromal)	granulosa cell tumor, malignant
86313	invasive	non-epithelial (sex cord stromal)	sertoli-leydig cell tumour, poorly differentiated
86503	invasive	non-epithelial (sex cord stromal)	leydig cell tumor, malignant
86703	invasive	non-epithelial	steroid cell tumor, malignant
88003	invasive	non-epithelial	sarcoma nos
88103	invasive	non-epithelial	fibrosarcoma
88513	invasive	non-epithelial	liposarcoma, well differentiated
88903	invasive	non-epithelial	leiomyosarcoma nos
89303	invasive	non-epithelial	endometrial stromal sarcoma, nos
89313	invasive	non-epithelial	endometrial stromal sarcoma, low grade
89333	invasive	non-epithelial	adenosarcoma
89363	invasive	non-epithelial	gastrointestinal stromal sarcoma
89403	invasive	unknown	mixed tumour malignant
89503	invasive	epithelial (other)	mullerian mixed tumor
89513	invasive	epithelial (other)	mesodermal mixed tumor
89803	invasive	epithelial (other)	carcinosarcoma, nos
89903	invasive	non-epithelial	mesenchymoma malignant
90143	invasive	epithelial (serous)	serous adenocarcinofibroma
90603	invasive	non-epithelial (germ cell)	dysgerminoma
90643	invasive	non-epithelial (germ cell)	germinoma
90713	invasive	non-epithelial (germ cell)	endodermal sinus tumour
90803	invasive	non-epithelial (germ cell)	teratoma, malignant nos
90813	invasive	non-epithelial (germ cell)	teratocarcinoma
90833	invasive	non-epithelial (germ cell)	malignant teratoma, intermediate
90843	invasive	non-epithelial (germ cell)	dermoid cyst with mal transform
90853	invasive	non-epithelial (germ cell)	mixed germ cell tumor
90903	invasive	non-epithelial (germ cell)	struma ovarii, malignant
91103	invasive	epithelial (other)	mesonephroma malignant
93643	invasive	other	ewing sarcoma / pnet
95003	invasive	other	neuroblastoma