

**Gynaecological Oncology
Subspecialty Training
Curriculum and Logbook**

Module number	Module title
1	General assessment of a gynaecological oncology patient
2	Pre/peri/post operative care
3	Generic surgical skills in gynaecological oncology
4	Cancer of the ovary
5	Cancer of the uterus
6	Cancer of the cervix
7	Cancer of the vulva
8	Cancer of the vagina
9	Medical oncology
10	Clinical oncology
11	Radiology - investigation and intervention
12	Palliative care
13	Urological surgery
14	Colorectal surgery
15	Plastic surgery and wound care
16	Gestational trophoblastic disease
17	Cancer genetics
18	Generic Skills and Professional activities

(1) General Assessment of a Gynaecological Oncology Patient

Objective: To demonstrate the knowledge, skills and attitudes required to make an appropriate clinical assessment of a patient with a suspected or known gynaecological cancer.

- Obtain an appropriate history
- Perform an appropriate examination
- Communicate results of prior investigations
- Initiate further investigations
- Communicate clinical plan to patient and relatives

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training support	Evidence
<p>A broad knowledge of the pattern of presentation of gynaecological malignancies.</p> <p>A knowledge of investigations required to confirm diagnosis of gynaecological malignancy</p> <p>Assessment of patient referred by two-week wait (rapid referral).</p>	<p>Take an appropriate history:</p> <ul style="list-style-type: none"> • Symptoms and comorbidity • Family history and genetic susceptibility <p>Perform a clinical examination.</p> <p>Counsel patients about the diagnosis, investigations and appropriate treatments for gynaecological cancer</p>	<p>Ability to taken a history and perform an appropriate examination.</p> <p>Ability to counsel patients regarding a diagnosis of gynaecological malignancy and the subsequent management.</p> <p>Ability to initiate pre-operative work up and staging investigations.</p> <p>Ability to identify the high risk surgical patient and liaise with anaesthetists.</p>	<p>Observation of assisting and discussion with Senior Staff.</p> <p>Communication Skills Course</p> <p>Specific task training and supervision.</p> <p>Appropriate postgraduate course.</p>	<p>Logbook.</p> <p>mini-CEX/CbD</p>

<p>Knowledge of care pathways for suspected gynaecological cancer Preoperative investigation of patients including radiology, assessment of fitness for surgery.</p> <p>Understanding of the indications and limitations of screening for gynaecological cancer</p> <ul style="list-style-type: none"> ▪ Cervix ▪ Ovary (general and high risk populations) ▪ Endometrium (HNPCC) 	<p>including side effects and complications of treatment.</p> <p>Communicate to patients' results of investigations and treatment including prognosis.</p> <p>Anticipate results of radiological investigations.</p> <p>Counsel appropriately about screening and interpret screening results.</p>	<p>Ability to liaise with clinical oncology, medical oncology and palliative care colleagues when appropriate.</p> <p>Counselling skills and knowledge of screening process.</p>		<p>BSCCP/RCOG accreditation</p>
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(2) Pre/peri/post operative care

Objectives: To understand and demonstrate appropriate knowledge, skills and attitudes in relation to patients undergoing surgery for gynaecological malignancies

- Plan appropriate surgery
- Identify surgical and anaesthetic risks
- Prepare patients for surgery
- Manage peri/intra/post operative complications
- Nutrition and TPN

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
Type of surgery appropriate for each gynaecological cancer (see separate modules). Fluid and electrolyte balance. Elemental feeding and TPN.	To counsel patients regarding diagnosis, management and risks of treatment. Recognise and manage intra-operative complications Post-operative care and complications arising. Manage the following clinical problems: Intraoperative <ul style="list-style-type: none"> • Haemorrhage • Bowel resection 	Ability to interpret pre-operative investigations and liaise with the Anaesthetic Department. Ability to counsel patients regarding treatment options Ability to select and perform appropriate surgical management of gynaecological cancer according to patients needs. Management post-operative care and complications thereof. Ability to counsel patients and	Direct supervision from Senior Colleagues. Attendance at MDT Ward attendance Supervision in operating theatre. ICU/HDU ward rounds RCS Care of the Critically Ill Surgical Patient Course (CCrISP)	Logbook MDT attendance. Course assessment OSAT/mini-CEX/CbD Audit of complications

	<ul style="list-style-type: none"> • Unexpected finding • Inoperability <p>Postoperative</p> <ul style="list-style-type: none"> • Thrombosis • Infection • Bowel obstruction <p>Inform patient of results.</p> <p>Appropriately order and interpret investigations:-</p> <ul style="list-style-type: none"> • Haematological investigations • Manage fluid balance peri-operatively and will patients. <p>Order and supervise appropriate thromboprophylaxis.</p> <p>Laise with Nutritional support team.</p> <p>Decide when TPN, enteral feeding is appropriate.</p>	<p>relatives regarding diagnosis, investigations and discuss treatment options and advantages/disadvantages of each.</p> <p>Ability to convey decisions of MDTM to patients and relatives including prognosis and palliative care.</p> <p>Ability to liaise with colleagues and other health professionals regarding co-ordinating investigations and management strategies pertinent to individual patients.</p> <p>Ability to order and interpret:-</p> <ul style="list-style-type: none"> • Fluid balance • Blood investigations - U&E, FBP, LFT <p>Ability to prescribe thromboprophylaxis.</p> <p>Assess patient and establish when enteral feeding or TPN is required.</p>		
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(3) Generic surgical skills in gynaecological oncology

Objective: To achieve surgical skills appropriate for a subspecialist gynaecological oncology surgeon

- Anatomical knowledge
- Surgical skills
- Personal audit

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training support	Evidence
Detailed knowledge of the anatomy of the female abdomen and pelvis including blood supply, lymphatic drainage, nervous system and the course of the ureter.	<p>The surgical diagnosis and management of gynaecological cancers</p> <ul style="list-style-type: none"> • Ovary • Endometrium • Cervix • Vulva • Vagina • Fallopian tube <p>Liaison with surgical colleagues for assistance in complicated cases.</p>	<p>Ability to perform hysterectomy.</p> <p>Ability to perform radical hysterectomy</p> <p>Ability to perform pelvic lymph node dissection (open and laparoscopically).</p> <p>Ability to perform para-aortic lymph node dissection (open and laparoscopically).</p> <p>Ability to perform infracolic and supracolic omentectomy</p> <p>Ability to perform FNA or biopsy of superficial lymph node</p>	<p>Observation of assisting and discussion with Senior Staff.</p> <p>Direct and indirect surgical supervision of surgical skills to appropriate competency by surgical staff.</p> <p>Specific task training and supervision.</p> <p>Appropriate postgraduate course.</p> <p>Log book of cases with competency level to which each procedure performed.</p>	<p>Logbook.</p> <p>OSAT/CbD</p> <p>Surgical logbook</p> <p>Audit of complications.</p>

		<p>Ability to perform Trucut biopsy</p> <p>Ability to perform (with the assistance of surgical colleagues if necessary - <i>see modules 13&14</i>):</p> <ul style="list-style-type: none"> - exenterative surgery - urinary diversion procedures - ileostomy/colostomy <p>Ability to organise anterior, posterior and total exenteration including leading the surgical procedure</p> <p>Initiate discussion of management at Multi-Disciplinary Team Meeting (MDTM).</p>		
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(4) Ovarian Cancer

Objectives: To understand and demonstrate appropriate skills and attitudes in relation to managing a patient with a diagnosis of presumed ovarian cancer (Risk of Malignancy index >200).

- Initial assessment and investigations of suspected ovarian cancer
- Plan subsequent management of suspected ovarian cancer
- Perform appropriate diagnostic or treatment surgery
- Communicate with MDT and organise adjuvant treatment
- Plan follow up

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
<p>Aetiology and clinical presentations of ovarian cancer.</p> <p>Pathology of ovarian cancer</p> <p>Indications, techniques, limitations and complications of surgical treatment of ovarian cancer</p> <p>Surgical pathway of suspected ovarian cancer (imaging,</p>	<p>Counsel patient and relatives about:-</p> <ul style="list-style-type: none"> • Diagnosis and further therapy • Surgical options/complications • Medical options • Prognosis <p>Discussing results of the surgery with patient and relatives / carers.</p> <p>Communication with referral unit and primary care.</p>	<p>Counsel patients sensitively about the options available.</p> <p>Respect patients confidentially.</p> <p>Explain clearly and openly treatments, complications and side effects of surgical treatment.</p> <p>Competence in formulating management plan</p> <p>Ability to implement plan of management and modify if necessary.</p> <p>Effectiveness in liaising with</p>	<p>Observation of, assisting and discussion with Senior Medical Staff.</p> <p>Theatre attendance.</p> <p>Clinical-Pathology meetings and MDT meetings</p> <p>Personal study.</p> <p>Postgraduate education courses.</p>	<p>Direct observation of clinical practice - by trainers.</p> <p>Case logbook</p> <p>OSAT/mini-CEX/CbD</p> <p>Chemotherapy module</p> <p>Colorectal module</p>

<p>tumour markers)</p> <p>Medical pathway of suspected ovarian cancer (histological/cytological diagnosis, neoadjuvant and adjuvant treatment)</p> <p>MDT meeting discussions and management planning</p> <p>Radiological assessment for preoperative diagnosis and for guided biopsy.</p> <p>Role of laparoscopy in assessment</p> <p>Surgery</p> <ul style="list-style-type: none"> • Case Selection • Primary surgery • Interval debulking surgery • Fertility conserving 	<p>Perform appropriate surgery for diagnosis and surgical management of ovarian cancer including optimal debulking surgery. (see module 3)</p> <p>Management of recurrent disease</p> <p>Discharge from hospital and producing appropriate follow up plan.</p> <p>Detect and manage physical and psycho-sexual morbidity (e.g. referral to lymphoedema specialist nurse or psychotherapist/counsellor)</p>	<p>colleagues in other disciplines, clinical and non-clinical.</p> <p>Ability to appropriately stage ovarian cancer.</p> <p>Ability to perform optimal debulking surgery for ovarian cancer.</p> <p>Ability to decide appropriate surgery including resection of bowel and formation of stoma.</p> <p>Ability to select patients for conservative surgery, eg unfit, stage 4 disease, very young (less than 35 years).</p> <p>Ability to perform a laparoscopic assessment and biopsy in suspected advanced ovarian cancer to obtain histology.</p> <p>Ability to counsel patients regarding entry into clinical trials.</p>	<p>StratOG Gynaecological Oncology Module</p> <p>Medical oncology sessions.</p> <p>ITU/HDU ward rounds</p> <p>Colorectal module.</p> <p>Chemotherapy module</p>	
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<p>Medical management of ascities, pleural effusions and bowel obstruction</p> <p>Consideration of all management options including best supportive/palliative care.</p> <p>Knowledge of the physical and psycho-sexual morbidity of cancer diagnosis and treatment</p>				
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(5) Cancer of the Uterus

Objectives To understand and demonstrate appropriate skills and attitudes in relation to managing a patient with a diagnosis of uterine cancer

- Undertake primary surgical management
- Understand management options to address co-morbidity
- Manage recurrent disease

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
<p>Aetiological factors leading to endometrial cancer including obesity, estrogens, genetic predisposition.</p> <p>Histological types of endometrial cancer and prognostic implications.</p> <p>Preoperative investigation of patients including radiology, assessment of fitness for surgery.</p>	<p>Take a history and investigate patients with suspected and proven endometrial cancer.</p> <p>Histological diagnosis of endometrial cancer.</p> <p>Order and interpret investigations of endometrial cancer, e.g. MRI scan, formulate a management plan.</p> <p>Ability to investigate preoperatively patients and liaise with Anaesthetic Department.</p>	<p>Ability to take history and investigate appropriately.</p> <p>Ability to recognise histological patterns of disease.</p> <p>Ability to interpret pre-operative investigations and liaise with Anaesthetic Department.</p> <p>Ability to counsel patients regarding treatment options and histology.</p> <p>Ability to select and perform appropriate surgical management of</p>	<p>Direct supervision from Senior Colleagues.</p> <p>Attendance MDT and Pathology Department.</p> <p>Attendance MDT with Radiologist.</p> <p>Ward attendance</p> <p>Supervision in operating theatre.</p>	<p>Logbook</p> <p>Mini CEX</p> <p>OSATS</p> <p>MDT attendance.</p> <p>OSATS</p> <p>Mini CEX</p>

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
<p>Risk of major surgery (Surgical & Anaesthetic)</p> <p>Preoperative care of patient undergoing major surgery for gynaecological cancer.</p> <p>Type of surgery appropriate for endometrial cancer.</p> <p>Role of radiotherapy in the treatment of endometrial cancer.</p> <p>In-patient Clinical Trials.</p> <p>Recruitment into Clinical Trials.</p> <p>Risk factors for recurrent disease</p> <p>Patterns of recurrent disease</p>	<p>To counsel patients regarding diagnosis, management and risks of treatment.</p> <p>Perform appropriate surgery including</p> <p>Open and close midline laparotomy</p> <p>Laparoscopic assessment of abdominal cavity.</p> <p>Defining ureters and gonadal vessels</p> <p>Pelvic node dissection / sampling.</p> <p>Para-aortic node biopsy</p> <p>Salpingo-oophorectomy (bilateral).</p> <p>Total hysterectomy.</p> <p>Recognise and manage intra-operative complications.</p> <p>Post-operative care and complications arising.</p>	<p>endometrial cancer according to patients needs.</p> <p>Total abdominal hysterectomy and bilateral salpingo-oophorectomy. .</p> <p>Pelvic node dissection/sampling.</p> <p>Para-aortic node biopsy.</p> <p>Laparoscopic assisted vaginal hysterectomy. .</p> <p>Management post-operative care and complications thereof.</p> <p>Define FIGO stage of tumour.</p> <p>Decide need for adjuvant therapy.</p> <p>Ability to follow up patients appropriately.</p>	<p>ICU/HDU ward rounds</p> <p>MDT attendance</p> <p>Clinical Oncology module</p>	<p>See module 3 'Generic surgical procedures'</p> <p>Laparoscopic skills course</p>

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
<p>Management options for recurrent disease</p> <p>Rare uterine tumours e.g. Sarcomas</p>	<p>FIGO staging of tumour</p> <p>Inform patient of results.</p> <p>Need for post-operative radiotherapy.</p> <p>Liaise with Clinical Oncology.</p> <p>Follow up care</p> <p>Recognition of Recurrence of disease.</p> <p>Investigation of suspected recurrent disease.</p> <p>Management of recurrent disease.</p>		<p>Joint clinic attendance</p>	<p>Audit of complications</p> <p>See module 10 'Clinical Oncology'</p>

(6) Cancer of the Cervix

Objectives: To understand and demonstrate appropriate skills and attitudes in relation to managing a patient with a diagnosis of cancer of the cervix

- To diagnose, investigate and manage a patient with cancer of the cervix.
- To perform appropriate surgery for cervical cancer and manage treatment complications.

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training support	Evidence
<p>Detailed knowledge of the anatomy of the female pelvis including blood supply, nervous system and lymphatic drainage of the region.</p> <p>Knowledge of the course of the ureter throughout the pelvis.</p> <p>Understanding of the epidemiology and aetiology of cervical cancer.</p>	<p><u>Take an appropriate history.</u></p> <p>Perform a clinical examination.</p> <p>Perform colposcopy.</p> <p>Perform cervical biopsy including punch biopsy, LLETZ, ablation therapy in appropriate cases.</p> <p>Perform clinical staging for invasive cervical cancer.</p> <p>Perform total hysterectomy (both abdominal and vaginal).</p>	<p>Ability to take history and examination.</p> <p>Ability to perform colposcopy.</p> <p>Ability to perform cervical biopsy and LLETZ</p> <p>Ability to perform clinical staging (including cystoscopy with biopsy)</p> <p>Ability to perform hysterectomy.</p> <p>Ability to perform radical hysterectomy</p>	<p>Observation of assisting and discussion with Senior Staff.</p> <p>BSCCP (including treatment module).</p> <p>Direct and indirect surgical supervision of surgical skills to appropriate competency by surgical staff.</p> <p>Specific task training and supervision.</p>	<p>Logbook.</p> <p>OSAT/mini-CEX/CbD</p> <p>BSCCP accreditation certificate.</p> <p>Audit project.</p>

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training support	Evidence
<p>Understanding of the pathophysiology of cervical intraepithelial neoplasm (CIN)</p> <p>Understanding of the role of Human Papilloma Virus (HPV) in the aetiology and development of CIN and cervical cancer.</p> <p>Knowledge of the presentation and diagnosis of cervical cancer.</p> <p>Pathology of cervical cancer.</p> <p>Understanding of staging of cervical cancer.</p> <p>Knowledge of the management of all stages of cervical</p>	<p>Perform radical hysterectomy.</p> <p>Perform pelvic lymphadenectomy.</p> <p>Perform para-aortic lymph node biopsy.</p> <p>Counsel patients about the diagnosis, investigations and appropriate treatments for cervical cancer including side effects and complications of treatment.</p> <p>Communicate to patients' results of investigations and treatment including prognosis and palliative care.</p> <p>Interpret results of radiological investigations appropriate to cervical cancer.</p> <p>Assist in delivery of Brachytherapy.</p>	<p>Ability to perform pelvic lymph node dissection (open and laparoscopically).</p> <p>Ability to perform para-aortic lymph node dissection (open and laparoscopically).</p> <p>Ability to insert Brachytherapy applicators.</p> <p>Assist external beam Radiotherapy and Chemotherapy</p> <p>Ability to interpret:- Chest X-ray IVU Pelvic MRI CT scan</p> <p>Ability to perform (with the assistance of surgical colleagues where necessary): exenterative surgery urinary diversion procedures</p>	<p>Appropriate postgraduate course.</p> <p>Appropriate modules of training:- Radiology Radiotherapy Chemotherapy Urology Palliative Care Tailored Clinical cases</p> <p>Log book of cases with competency level to which each procedure performed.</p>	<p>MDT attendance.</p> <p>Personal Audit of complications.</p> <p>Completion of Radiotherapy Module</p>

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training support	Evidence
<p>cancer including surgery and Chemo-radiation.</p> <p>In-depth knowledge of radiotherapy principles of treatment and appropriate application to cervical cancer.</p> <p>Knowledge of appropriate Chemotherapy for cervical cancer.</p> <p>Knowledge of complications and side effects of treatment of cervical cancer both short term and long term.</p> <p>Knowledge of pattern of disease recurrence and appropriate management.</p> <p>Knowledge of the physical and psycho-sexual morbidity of cancer diagnosis and treatment</p>	<p>Assist in delivery of Chemo-radiation therapy.</p> <p>Manage side effects and recognise complications of treatment.</p> <p>Diagnose, investigate and manage recurrent cervical cancer.</p> <p>Select patients for exenterative surgery.</p> <p>Detect and manage physical and psycho-sexual morbidity (e.g. referral to lymphoedema specialist nurse or psychotherapist/counsellor)</p>	<p>ileostomy/colostomy</p> <p>Ability to organise anterior, posterior and total exenteration including leading the surgical procedure</p> <p>Ability to Initiate discussion of management at Multi-Disciplinary Team Meeting (MDTM)</p> <p>Ability to counsel patients and relatives regarding diagnosis, investigations and discuss treatment options and advantages/ disadvantages of each.</p> <p>Ability to convey decisions of MDTM to patients and relatives including prognosis and palliative care.</p> <p>Ability to liaise with colleagues and other health professionals regarding co-ordinating investigations and management strategies pertinent to individual's patients.</p>		

(7) Cancer of the Vulva

Objective To diagnose, investigate and manage a patient with cancer of the vulva.

- competently perform appropriate surgery upon a patient with vulva cancer.
- manage complications of treatment.

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
<p>Detailed knowledge of the anatomy of the vulva, femoral triangle, vaginal region and lower abdominal wall, including blood supply, nerve distribution and lymph drainage of the region.</p> <p>The epidemiology and aetiology of vulval cancer.</p> <p>The histopathology of vulval cancer.</p> <p>The pattern of spread</p>	<p>How to take an appropriate history.</p> <p>How to perform a simple rotation flap to achieve primary closure of vulval wound.</p> <p>Perform appropriate clinical investigations.</p> <p>Perform a biopsy of vulva.</p> <p>Perform vulvoscopy</p> <p>Perform a wide local excision of vulva.</p>	<p>Ability to take history.</p> <p>Perform appropriate examination.</p> <p>Ability to investigate and counsel patients regarding treatments.</p> <p>Ability to select and perform competently diagnostic and therapeutic surgery for vulval cancer.</p> <p>Ability to perform sentinel node detection.</p> <p>Ability to perform simple skin flaps.</p>	<p>Observation of assisting and discussion with Senior Medical Staff.</p> <p>Task specific job training.</p> <p>Personal study.</p> <p>Appropriate post graduate course.</p> <p>Tailored clinical experience.</p> <p>Supervised surgical training to appropriate competency level by Senior Staff</p>	<p>Logbook</p> <p>OSAT/mini-CEX/CbD</p> <p>Surgical logbook</p> <p>See module 15 'Plastic Surgery'</p>

<p>of vulval cancer.</p> <p>The staging of vulval cancer.</p> <p>How to diagnose and investigate vulval cancer.</p> <p>The principles of treatment of all stages of vulval cancer.</p> <p>The complications of treatment and appropriate management of these.</p> <p>Understand the pattern of recurrence of vulval cancer.</p> <p>How to recognise and manage recurrent cancer of the vulva.</p> <p>Long term complications of</p>	<p>Perform a simple vulvectomy.</p> <p>Perform a radical vulvectomy.</p> <p>Perform a sub-fascial groin node dissection.</p> <p>Be aware of developments in the surgical treatment of vulval cancer including sentinel node detection</p> <p>Liaison with Plastic Surgeon to select and manage patients requiring major skin flaps to close vulval wounds.</p> <p>Peri-operative management of vulval cancer patients.</p> <p>Manage recurrence of vulval cancer.</p> <p>Long term management of vulval cancer patients.</p>	<p>Ability to perform major skin flaps with Plastic Surgeon.</p> <p>Ability to manage patients post operative care.</p> <p>Ability to manage complications of treatment.</p> <p>Ability to perform (with the assistance of surgical colleagues if necessary):</p> <ul style="list-style-type: none"> - exenterative surgery - urinary diversion procedures - ileostomy/colostomy <p>Ability to organise anterior, posterior and total exenteration including leading the surgical procedure</p>	<p>Log book of cases with competency level to which each procedure managed.</p> <p>Attendance at Plastic Surgery lists. (Minimum 5 weeks).</p> <p>MDT attendance.</p> <p>Attendance at lymphoedema specialist clinic - see palliative care module</p>	
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<p>treatment of vulval cancer:-</p> <ul style="list-style-type: none"> • Lymphocysts • Lymphoedema • Neuralgia <p>Knowledge of the psycho-sexual morbidity of cancer diagnosis and treatment</p>	<p>Detect and manage physical and psycho-sexual morbidity (e.g. referral to lymphoedema specialist nurse or psychotherapist/counsellor)</p>			
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(8) Vaginal cancer

Objectives: To understand and demonstrate appropriate skills and attitudes in relation to managing a patient with a diagnosis of vaginal cancer

- Undertake primary surgical management
- Understand management options to address co-morbidity
- Manage recurrent disease

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
Detailed knowledge of anatomy of vagina	Appropriate history and examination including	Perform vaginal biopsy	Observation and discussion with senior staff	Log book
Detailed knowledge of aetiology of vaginal cancer including sarcoma botryoides and metastatic lesions	Perform vaginoscopy and vaginal biopsy	Perform partial vaginectomy Abdominal approach Vaginal approach	Senior supervision	mini-CEX/CbD
Recognise benign conditions	Arrange staging and imaging investigations	Perform radical excision of vagina (exenterative surgery see Modules 3,6&7))	BSCCP training and course	Accreditation with BSCCP
Understanding of pathophysiology of VAIN	Arrange and aid delivery of radio or chemotherapy		Multidisciplinary team meeting (MDT)	MDT attendances
	Counsel and consent patient		Radiotherapy/ Clinical Oncology module	

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
<p>Knowledge of multifocal lower genital tract malignancy</p> <p>Knowledge of clinical presentation, investigation and FIGO staging</p> <p>Detailed management of vaginal cancer</p> <p>Detailed management of vaginal cancer</p> <p>Knowledge of the physical and psycho-sexual morbidity of cancer diagnosis and treatment</p>	<p>Perform Partial Vaginectomy</p> <p>Perform Radical Vaginectomy</p> <p>Detect and manage physical and psycho-sexual morbidity (e.g. referral to lymphoedema specialist nurse or psychotherapist/counsellor)</p>		<p>Direct observation by senior staff</p>	<p>Surgical log book</p>

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence

(9) Medical Oncology

- Objectives:**
- To understand the role of chemotherapy in the management of gynaecological cancers.
 - To understand the pharmacology of the major drugs used in chemotherapy.
 - To understand the role and latest trial results of chemotherapy in gynaecological tumours.

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
<p>Relevant cell biology including: Cell cycle kinetics Log kill hypothesis Cycle and phase specificity.</p> <p>Classes of chemotherapeutic agents and their mechanisms of action.</p> <p>Pharmacology of the main agents used in gynaecological cancers.</p> <p>Principles of dose calculation and scheduling.</p>	<p>Take an appropriate history.</p> <p>Perform a clinical examination.</p> <p>Knowing the indications for chemotherapy.</p> <p>Assessment of response to chemotherapy.</p> <p>Counsel patients about the basics of chemotherapy including side effects and complications of treatment.</p> <p>Knowing the limitations of chemotherapy and when to change or stop treatment.</p>	<p>Discuss management at multi-disciplinary team meeting (MDTM) including most appropriate chemotherapy regime according to patient's disease and medical status.</p> <p>Ability to counsel patients about the basics of chemotherapy including side effects and complications of treatment.</p> <p>Ability to liaise with colleagues and other health professionals regarding co-ordinating investigations and management strategies pertinent to individual patients.</p> <p>Ability to recognise, investigate and management of toxicity.</p>	<p>Observation of assisting and discussion with Senior Staff.</p> <p>Specific task training and supervision.</p> <p>Postgraduate courses</p>	<p>Log book</p>

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
<p>Understand the benefits and limitations of single agent and combination chemotherapy.</p> <p>Guidelines and definitions for evaluation of response.</p> <p>Principles of phase I, II, and III drug trials.</p> <p>Conversation with seminal chemotherapeutic trials in gynaecological cancers.</p> <p>Understand the concept of adjuvant and neoadjuvant therapy.</p> <p>Short and long term toxicity, both general and drug specific.</p> <p>Chemotherapeutic management of gestational trophoblastic disease.</p> <p>The role of hormonal and other agents.</p>	<p>Recognition, assessment and management of acute and chronic toxicity.</p>	<p>Ability to counsel patients about Clinical Trials</p>	<p>Good Clinical Practice Course</p> <p>Gestation trophoblastic disease course</p>	

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
Therapeutic options for recurrent disease				

(10) Clinical Oncology

Objectives: Sufficient familiarity with principles and practice to inform patients appropriately and recognise complications.

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
Cell cycle kinetics	Understanding of principles of radiotherapy.	Ability to select patients for radiotherapy.	Multi-disciplinary team meeting attendance	Log book
Radiation effects	How radiotherapy affects organs and radio-sensitivity of different cancers.	Ability to counsel patients regarding radiotherapy treatment.	Combined oncology clinics	Mini CEX/CbD
Recovery and repair of tissues.	Select patients for radiotherapy according to disease, tumour type and stage.	Ability to plan radiotherapy treatment.	Radiotherapy planning clinics	MDT attendance
Potentiation of effects	How to plan patients for radiotherapy.	Ability to counsel patients regarding complications.	Clinical oncology operating theatre sessions	
Protection.	Counsel patient on how radiotherapy works and how it will affect them and what	Ability to recognise and manage side effects of radiotherapy:	Attendance with psychosexual counsellors and clinical nurse specialists	
Sensitivity of different organs.		Skin		
Different types of radiation.		Urinary		
Inverse square law		GI tract		

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
<p>Time dose relationships.</p> <p>Half life isotopes</p> <p>Ionisation and modifying factors.</p> <p>Radiation Units</p> <p>Isodose curves</p> <p>Principles of fractionation</p> <p>Orthovoltage and supravoltage.</p> <p>CT planning and dosimetry</p> <p>Types of fields</p> <p>Types of sources and methods.</p> <p>Use of Chemotherapy as an adjuvant complications in:</p>	<p>complications may occur.</p> <p>Difference between curative and palliative treatment.</p> <p>Management of long term effects of radiotherapy: Vaginal stenosis Ovarian failure Oedema Osteopenia Fistula</p> <p>Recognition, investigations and management of recurrent gynaecological cancer following primary Radiotherapy/Chemoradiation</p>	<p>Vagina: Dryness HRT Dilators Psychosexual</p> <p>Ability to recognise and manage major complications of radiotherapy in liaison with other colleagues: Fistula Vaginal stenosis Oedema Osteopenia</p> <p>Ability to recognise and investigate tumour recurrence.</p>		

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
GI tract Urinary tract Skin Bone marrow Kidney Ureter CNS Genital tract				

(11) Radiology

Objectives To understand the role of imaging in gynaecological cancer.

- Principles of different imaging modalities

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
<p>Knowledge of main imaging modalities in <i>GO</i></p> <ul style="list-style-type: none"> • Physics • Indications • Limitations <p>Nuclear medicine</p> <p>Knowledge of intervention radiology</p> <ul style="list-style-type: none"> • Guided biopsies • Stenting • Caval filters • Embolisation <p>Sentinel node assessment.</p>	<p>Assessment and interpretation with relevance to clinical scenario.</p> <ul style="list-style-type: none"> • Standard plain • Ultrasound • Cross sectional imaging • Nuclear <p>Ability to recognise the indications for interventional radiology</p>	<p>Discussion of images with relevance to clinical scenario with radiologist / trainers</p>	<p>MDT meetings.</p> <p>Attendance to radiology department for relevant procedures.</p>	<p>Log book</p>

(12) PALLIATIVE CARE

Objectives: To understand the concept and delivery of care to patients with terminal gynaecological malignant disease.

- The decision for palliative care
- A holistic approach to the symptoms and anxieties of the patient and their relatives

KNOWLEDGE	COMPETENCY	PROFESSIONAL SKILLS	TRAINING SUPPORT	EVIDENCE
<p>The role of Palliative Care Team in Gynae malignancy.</p> <p>How to break bad news to a patient.</p> <p>Symptoms associated with terminal malignancy.</p> <p>Causes of and patterns of pain.</p> <p>Therapies for pain relief and how they work.</p> <p>Choice of appropriate</p>	<p>Effective and sympathetic communication skills.</p> <p>Recognise when a patient should have palliative care input into management.</p> <p>To recognise and appropriately manage symptoms in a palliative care setting.</p> <p>Recognise anxiety and depression and psychosexual problems and involve appropriate teams in management.</p> <p>Work within a Palliative</p>	<p>Ability to communicate with patients and give information about disease process including bad news.</p> <p>Ability to appropriately involve members of Palliative Care Team in patients' management.</p> <p>Ability to manage patients' symptoms in liaison with Palliative Care Team.</p> <p>Ability to work as part of a Palliative Care Team in hospital, hospice and community.</p> <p>Ability to involve Palliative Care Team in MDT framework.</p>	<p>Breaking bad news course.</p> <p>Working in supervised environment with senior team.</p> <p>Communicating with patients' and managing their care on a day to day basis.</p> <p>Attend Pain Clinic (5 sessions).</p> <p>Palliative Care Module (3 weeks).</p> <p>Working within MDT.</p> <p>Attendance with Specialist Oedema Physiotherapist.</p>	<p>Logbook.</p> <p>mini-CEX/CbD</p> <p>MDT attendance registrar.</p>

<p>analgesic.</p> <p>Knowledge of pain services available.</p> <p>Pathophysiology of nausea and vomiting.</p> <p>Therapies for treatment of nausea and vomiting.</p> <p>Knowledge of anxiety and depression.</p> <p>Counselling for patient and family.</p> <p>Pathophysiology of oedema.</p> <p>Therapies for relief of oedema.</p> <p>Knowledge of Palliative Care Team in hospital, hospice and community.</p> <p>Knowledge of community</p>	<p>Care Team in hospital, hospice and community.</p>			
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<p>support roles of :-</p> <ul style="list-style-type: none"> • General Practitioner • District Nurse • Cancer Specialist Nurse • Family Religion • Cancer support groups • Social Services <p>Role of palliative care in MDT function.</p>				
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(13) UROLOGY

Objective To have an understanding of the impact of gynaecological cancer and its treatment on the renal tract.

- Aware of possible urological complications
- Identify and manage urological complications

Knowledge	Competency	Professional Skills	Support	Evidence
<p>Anatomy and physiology of kidney, ureter, bladder and urethra.</p> <p>Effects of Gynae malignancy upon urinary tract.</p> <p>Effects of treatment for Gynae malignancy on urinary tract, e.g. - Radical surgery, Radiotherapy.</p> <p>Communicates with patients and family effects of Gynae malignancy and treatments on urinary system, e.g. - Fistula Obstruction</p>	<p>Ability to appropriately investigate and diagnose disorders of the urinary tract in a Gynae cancer setting.</p> <p>Appropriate ordering of investigation and liaison with Urology team.</p> <p>Investigation of diseases of urinary tract</p> <ul style="list-style-type: none"> • Urine (MC&S, biochemistry) • Haematological • Ultrasound • X-ray • MRI • Cystoscopy 	<p>Effectively manage patients with suspected disorders of urinary tract.</p> <p>Order and interpret investigations of urinary tract.</p> <p>Appropriate selection of patients for intervention surgery involving the urinary tract.</p> <p>Insert suprapubic catheter.</p> <p>Perform cystoscopy.</p> <p>Perform surgical repair of bladder injury.</p>	<p>Working under senior supervision.</p> <p>Joint clinics.</p> <p>Radiotherapy module.</p> <p>Attendance at urodynamic clinic.</p> <p>MDT.</p> <p>Attendance to Radiology Dept</p> <p>Urology module (minimum 10 sessions).</p> <p>Gynae MDT and Urology</p>	<p>Log book</p>

Knowledge	Competency	Professional Skills	Support	Evidence
<p>Bladder disorders</p> <p>Interpret investigations ordered.</p> <p>Recognition and management of injury to urinary tract.</p> <p>Principles of repair of injury to - Ureter Bladder Urethra</p> <p>Selection of patients who would benefit from intervention surgery involving the urinary tract, e.g. - Urethral stenting Fistula repair Exenterative surgery</p> <p>Pre and post operative care of patients undergoing Urology procedure.</p>	<ul style="list-style-type: none"> • Ureteroscopy <p>Knowledge of damage to ureter and bladder due to disease process or surgery, e.g. - Fistula Obstruction Surgical injury.</p> <p>Perform - Cystoscopy Repair bladder Dissect ureter</p> <p>Perform (with the assistance of urology colleague if necessary) Ureteroscopy Insertion of ureteric stent Repair ureter Cystectomy Ileal conduit Continent Urinary diversion</p>	<p>Perform (with the assistance of urology colleague if necessary) ureteroscopy. Insertion ureteric stent. Repair of ureter. Ureteric reimplantation Primary anastomosis of ureter. Cystectomy. Ileal conduit. Continent urinary diversion.</p>	<p>MDT.</p>	

(14) Colorectal Surgery

Objective: To understand the role of fluid balance and nutrition in the surgical patient. To understand the indications and principles of bowel resection and repair in the context of gynaecological oncology.

- Accidental bowel injury
- Elective bowel resection

Knowledge	Competency	Professional Skills	Training Support	Evidence
<p>Detailed knowledge of anatomy and physiology of GI Tract.</p> <p>Pathophysiology of intestinal function.</p> <p>Care of critically ill patient.</p> <p>Principles of surgery of GIT including exposure handling and injury to tissues.</p> <p>Principles of resection and repair of intestinal tissues.</p> <p>Primary repair</p> <p>Secondary repair</p> <p>Ileostomy</p>	<p>Perform rigid sigmoidoscopy.</p> <p>Counsel patients preoperatively and post operatively regarding bowel surgery and stoma management.</p> <p>Perform laparotomy and identify abnormalities throughout abdominal cavity including liver, spleen, omentum, appendix, peritoneum, pancreas and large and small bowel.</p> <p>Over sew serosal injury to bowel.</p>	<p>Ability to perform sigmoidoscopy</p> <p>Ability to counsel patient regarding bowel surgery and stoma management.</p> <p>Ability to perform exploratory abdominal procedure</p> <p>Ability to perform bowel surgery</p> <ul style="list-style-type: none"> ➤ Over sew serosa ➤ Repair small bowel injury ➤ Resect and reanatomose small bowel 	<p>Colorectal out-patients</p> <p>Attend ICU Ward Rounds</p> <p>Attend Dietician Ward Rounds</p> <p>Observation and assisting senior staff.</p> <p>Senior staff supervision.</p> <p>Colorectal attachment (4 weeks).</p> <p>Surgical anastomosis course</p> <p>Attendance with stoma</p>	<p>Log book.</p>

<p>Colostomy</p> <p>Knowledge of indications to perform bowel surgery in a gynae oncology setting.</p> <p>Use of Radiology in investigation and management of GI disorders.</p> <p>Appropriate selection of patients who will benefit from bowel surgery.</p> <p>Knowledge of pre-operative preparation required for a patient who may or will have bowel surgery.</p>	<p>Repair mucosal injury to small bowel.</p> <p>Select area to be resected and perform primary anastomosis of small bowel.</p> <p>Select area and perform ileostomy.</p> <p>Perform appendicectomy.</p> <p>Select appropriate tissue and resect large bowel with formation of colostomy.</p> <p>Counsel patients regarding benefits, risks and complications of bowel surgery.</p> <p>Mark stoma site appropriately</p> <p>Order appropriate investigations pre-operatively and interpret these.</p>	<p>➤ Appendicectomy</p> <p>Ability to perform bowel surgery (with the assistance of surgical colleagues if necessary)</p> <ul style="list-style-type: none"> ➤ Ileostomy ➤ Colostomy ➤ Resect large bowel ➤ Primary anastomosis of large bowel. ➤ Abdominal perineal resection <p>Ability to counsel patients pre-operatively regarding bowel surgery.</p> <p>Ability to select and mark stoma site.</p>	<p>therapist.</p>	
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	<p>Order appropriate bowel preparation pre-operatively.</p> <p>Ability to select patients pre-operatively and intra-operatively who will benefit from bowel surgery.</p> <p>Manage post operative care of patients following bowel surgery</p>			
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(15) Plastic surgery and wound care

Objectives: Understand the principles of plastic surgery and its indication in the management of gynaecological malignancy

- Surgical procedures
- Management of wound complications

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
<p>Physiology of wound healing and factors influencing healing</p> <p>Detailed knowledge of surgical site infection</p> <p>Recognise and manage wound dehiscence</p> <p>Management of incisional hernia</p> <p>Anatomy of vulva, perineum and groin</p> <p>Techniques of vulval repair and reconstruction</p>	<p>Management of surgical site infections</p> <p>Management of recognised wound dehiscence</p> <p>Decide on management and perform appropriate repair</p> <p>Repair of Incisional hernia including use of mesh</p> <p>Selection of patients for appropriate surgical intention using:</p> <p>Split thickness skin graft</p> <p>Rotational flaps</p> <p>Advancement grafts</p> <p>Myocutaneous flaps</p>	<p>Closure of wound including choice of suture material</p> <p>Diagnosis, selection of antibiotics and need for incision and drainage</p> <p>Repair wound dehiscence</p> <p>Repair incisional hernia</p> <p>Without mesh</p> <p>With mesh</p> <p>Observation of procedure by trainee</p>	<p>Direct observation by senior staff</p> <p>Attendance with Tissue Viability team</p> <p>Colorectal module</p> <p>Plastic surgery attachment</p>	<p>Log book</p>

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
Vaginal reconstruction Breast Cancer	Williams procedure Split thickness skin graft Myocutaneous graft			

(16) Gestational Trophoblastic Disease

Objectives: To diagnose, investigate and manage a patient with gestational trophoblastic disease.

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
Detailed knowledge of the definition and classification of gestational trophoblastic disease.	To take an appropriate history.	Ability to take history and perform appropriate physical examination.	Attend at the national one-day meeting.	mini-CEX/CbD
Understanding the epidemiology and aetiology of gestational trophoblastic disease.	Perform appropriate clinical examination and investigations.	Ability to counsel patients regarding a diagnosis of molar pregnancy and the subsequent management.	Discussion with Senior Medical Staff. Personal study.	Log book.
Understanding the histopathology of gestational trophoblastic disease.	Perform suction evacuation for molar pregnancy.	Ability to perform suction evacuation including pre-operative, intra-operative and post-operative managements.	Attachment to medical oncology unit - part of the modular training.	
Understanding the clinical features and behaviour of different entities of gestational trophoblastic diseases.	Peri-operative management of patients undergoing suction evacuation for molar pregnancy.	Counsel patients on contraception and pregnancy outcome following molar pregnancy.	Review histology with Pathologist.	
Understanding the principles of management of different entities gestational trophoblastic diseases.	Able to follow up patients appropriately following a molar pregnancy.	Counsel patients regarding a diagnosis of gestational trophoblastic neoplasia.	Attendance at MDT.	
Understanding the principles and pitfalls in the measurement of human chorionic gonadotropin.	Able to judge and perform hysterectomy in emergency situations.			

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
<p>Understanding the diagnosis and staging of gestational trophoblastic neoplasia.</p> <p>Knowledge of histopathological features of gestational disease.</p> <p>Understanding the complications of treatment and management of gestational trophoblastic disease/ neoplasia.</p> <p>Understand the management of chemoresistant and relapsed gestational trophoblastic neoplasia.</p> <p>Understanding the role of surgery and radiotherapy in the management of gestational trophoblastic neoplasia.</p> <p>Understanding the genetic and molecular markers and their potential clinical applications.</p>	<p>Able to diagnose and stage gestational trophoblastic neoplasia.</p> <p>Able to follow up patients following treatment for gestational trophoblastic neoplasia.</p>	<p>Ability to carry out appropriate investigations for staging of gestational trophoblastic neoplasia and classifying patients into low or risk groups.</p> <p>Counsel patients on the possible side effects of treatment.</p> <p>Ability to manage complications of treatment.</p> <p>Ability to register patients at supra regional centre for follow up.</p>		

(17) Genetic predisposition to Gynaecological Cancer

Objectives:- To diagnose, investigate and manage a patient with a genetic predisposition to gynaecological cancer.

- Management of patients with a family history suggesting genetic predisposition to gynaecological cancer
- Understanding of familial ovarian cancer syndromes, BRCA and HNPCC
- Concepts of cancer screening
- Issues surrounding prophylactic surgery

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
Detailed knowledge of the background for a patient with a genetic predisposition to gynaecological cancer.	How to take an appropriate history. To determine a patients pedigree.	Ability to take history and perform appropriate physical examination. Ability to counsel well patients regarding a diagnosis and subsequent management of patients with a genetic predisposition to gynaecological cancer.	Observation or assisting and discussion with Senior Medical Staff. Personal study	Log book. mini-CEX/CbD
Understanding the epidemiology and aetiology of a genetic predisposition to gynaecological cancer.	Able to counsel a well patient with a known predisposition to gynaecological cancer.	Ability to perform pre-operative, intra-operative and post-operative managements as required.	Attachment to cancer genetics unit Supervised surgical training to appropriate competency level by Senior Staff.	
Understanding the molecular biology and histopathology of a genetic predisposition to gynaecological cancer.	Perform appropriate clinical examination and investigations. Perform prophylactic surgery involving laparoscopic techniques as	Ability to counsel patients on hormonal and other medication in relation to outcomes after screening or treatment.	Attendance at Cancer Genetics Clinic.	

<p>Understanding the clinical features and behaviour of different genetic predispositions.</p> <p>Understanding the principles of management of different entities for these genetic predispositions.</p> <p>Understanding the principles and pitfalls in the assessment of the molecular biology techniques presently available.</p> <p>Understanding the complexity of counselling and complications of subsequent management of patients with a genetic predisposition to gynaecological cancer.</p>	<p>required. Working with other disciplines to ensure appropriate management.</p> <p>Laise with Medical Genetics Department to assess risk of developing cancer.</p>	<p>Ability to organise appropriate investigations for screening if conservative approach taken.</p> <p>Ability to recognise the requirement for fail safe for conservative management.</p> <p>Ability to counsel patients on the possible side effects of treatment.</p> <p>Ability to manage complications of treatment.</p> <p>Ability to perform prophylactic surgery for gynaecological cancer.</p>		
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<p>Understanding the role of prophylactic surgery in the management of patients with a genetic predisposition to gynaecological cancer and the specific problems for follow up in relation to hormonal psychological and reproductive sequelae.</p>				
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MODULE 18 GENERIC

18.1 Communication, team working and leadership skills

- Objectives: Demonstrate effective communication with patients and colleagues
 Demonstrate good working relationships with colleagues
 Demonstrate the ability to work in clinical teams and have the necessary leadership skills

Knowledge Criteria	Clinical Competency	Professional skills and attitudes	Training support	Evidence / Assessment
<p>Communication</p> <ul style="list-style-type: none"> - how to structure a patient interview to identify: <ul style="list-style-type: none"> ▪ concerns & priorities ▪ expectations ▪ understanding & acceptance - breaking bad news - bereavement process and behavior <p>Team working</p> <ul style="list-style-type: none"> - roles and responsibilities of team members - factors that influence & inhibit team development - ways of improving team working incl. <ul style="list-style-type: none"> • objective setting & planning • motivation and demotivation • organization 	<p>Be able to communicate both verbally and in writing with patients & relatives including;</p> <ul style="list-style-type: none"> • breaking bad news • appropriate use of interpreters <p>Be able to communicate both verbally and in writing with colleagues</p>	<p>Ability to communicate effectively with:</p> <ul style="list-style-type: none"> • colleagues • patients and relatives <p>Ability to break bad news appropriately and support distress</p> <p>Ability to:</p> <ul style="list-style-type: none"> • work effectively within a subspecialty team • lead a clinical team • respect other's opinions • deal with difficult colleagues 	<p>Observation of and discussion with senior medical staff</p>	<p>TPD report</p> <p>Team observations</p>

<ul style="list-style-type: none"> • respect - contribution of mentoring and supervision <p>Leadership</p> <ul style="list-style-type: none"> - qualities and behaviors - styles - implementing change / change management (see 7.5) 				
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18.2 Good Medical Practice and maintaining trust

Objectives:

To inculcate the habit of life long learning and continued professional development

To ensure trainee has the knowledge, skills and attitudes to act in a professional manner at all times

Knowledge Criteria	Clinical Competency	Professional skills and attitudes	Training support	Evidence / Assessment
Continuing professional development Doctor-patient relationship Personal health Understand relevance of: <ul style="list-style-type: none"> • RCOG • GMC, Defence Unions, BMA • specialist societies 	Be able to recognize and use learning opportunities Be able to gain informed consent for: <ul style="list-style-type: none"> • patient care & procedures • research 	Ability to recognize and use learning opportunities Ability to: <ul style="list-style-type: none"> • learn from: <ul style="list-style-type: none"> - colleagues - experience • work independently but seek advice appropriately • deal appropriately with challenging behavior 	Observation of and discussion with senior medical staff	TPD report Team observations

<ul style="list-style-type: none"> • STC & postgraduate dean • Defence unions <p>Ethical principles</p> <ul style="list-style-type: none"> • respect for autonomy • beneficence & non maleficence • justice <p>Informed consent</p> <p>Confidentiality</p> <p>Legal issues</p> <ul style="list-style-type: none"> • death certification • mental illness • advance directives, living wills 		<p>Understand:</p> <ul style="list-style-type: none"> • ethical issues relevant to subspecialty • legal responsibilities <p>Recognize;</p> <ul style="list-style-type: none"> ▪ own limitations ▪ when personal health takes priority over work pressure <p>Ability to gain informed consent</p>		
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18.3 Teaching

Objectives: Understand and demonstrate appropriate skills and attitudes in relation to teaching

Knowledge Criteria	Clinical Competency	Professional skills and attitudes	Training support	Evidence / Assessment
Teaching strategies appropriate to adult learning	Prepare and deliver a teaching session <ul style="list-style-type: none"> • small group (<10) • large group (>20) 	Ability to communicate effectively	Observation of and discussion with senior medical staff	Log of experience and competence
RCOG core and advanced training		Ability to teach		

relevant to subspecialty Identification of learning principles, needs and styles Principles of evaluation	<ul style="list-style-type: none"> at the bedside Teach practical procedures (incl. ultrasound)	postgraduates on topic(s) relevant to subspecialty using appropriate teaching resources Ability to organize a programme of postgraduate education e.g. short course or multidisciplinary meeting	Appropriate postgraduate courses	
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18.4 Research

Objectives Understand and demonstrate appropriate skills and attitudes in relation to research relevant to the subspecialty

Knowledge Criteria	Clinical Competency	Professional skills and attitudes	Training support	Evidence / Assessment
Epidemiological techniques, population parameters, sampling techniques and bias Randomised trials and meta-analysis Statistical tests <ul style="list-style-type: none"> parametric tests 	Perform a scientific experiment: <ul style="list-style-type: none"> review evidence develop a hypothesis and design experiment to test hypothesis define sample conduct experiment perform statistical 	Ability to design and conduct a scientific experiment Ability to write up research (as evidenced by award of MD or PhD thesis or 2 first author papers in citable journals)	Discussion with senior staff (clinicians, scientists, statisticians) Attendance at scientific meetings	Peer-reviewed publications and or higher degree

<ul style="list-style-type: none"> • non-parametric tests • correlation & regression • multi-variate analysis • chi-squared analysis 	<p>analysis of data</p> <ul style="list-style-type: none"> • draw appropriate conclusions from results 	<p>Ability to present a piece of scientific research</p>	<p>Personal study</p> <p>Appropriate postgraduate courses (e.g. research methods, statistics)</p>	
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18.5 Clinical governance (CG) and risk management

Objectives: Understand and demonstrate appropriate knowledge and skills in relation to CG and risk management

Knowledge Criteria	Clinical Competency	Professional skills and attitudes	Training support	Evidence / Assessment
<p>Clinical Governance</p> <ul style="list-style-type: none"> - organizational framework at local, SHA and national levels - standards e.g. NSF, NICE, RCOG guidelines - clinical effectiveness • principles of evidence based practice • types of clinical trial/evidence classification • grades of recommendation - guidelines and integrated care pathways <ul style="list-style-type: none"> • formulation 	<p>Perform clinical audit</p> <ul style="list-style-type: none"> • define standard based on evidence • prepare project & collate data • re-audit and close audit loop • formulate policy <p>Develop and implement a clinical guideline</p> <ul style="list-style-type: none"> • purpose and scope • identify and classify evidence • formulate recommendations • identify auditable standards 	<p>Ability to practice evidence based medicine</p> <p>Ability to perform a clinical audit relevant to subspecialty</p> <p>Ability to develop and implement a clinical guideline relevant to subspecialty</p> <p>Ability to report and</p>	<p>Observation of and discussion with senior medical staff and clinical governance team.</p> <p>Attendance at risk management meetings</p> <p>DH, RCOG and Trust publications</p>	<p>Log of experience and competence</p> <p>TPD report</p>

<ul style="list-style-type: none"> • advantages and disadvantages - clinical audit - patient / user involvement <p>Risk management</p> <ul style="list-style-type: none"> - incidents/near miss reporting - complaints management - litigation and claims management <p>Appraisal and revalidation</p> <ul style="list-style-type: none"> - principles - process 	<p>Participate in risk management</p> <ul style="list-style-type: none"> • investigate a critical incident • assess risk • formulate recommendations • debrief staff <p>Perform appraisal</p>	<p>investigate a critical incident</p> <p>Ability to respond to a complaint in a focused and constructive manner.</p> <p>Ability to perform appraisal</p>		
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18.6 Administration and service management

Objectives: Display knowledge of the structure and organization of the NHS nationally and locally
Understand and demonstrate appropriate skills and attitudes in relation to administration and management

Knowledge Criteria	Clinical Competency	Professional skills and attitudes	Training support	Evidence / Assessment
<p>Organization of NHS services</p> <ul style="list-style-type: none"> • Directorate, Trust • PCT, SHA <p>Managed clinical network for subspecialty service</p>	<p>Develop and implement organizational change</p> <ul style="list-style-type: none"> • development of strategy • formulate a business plan • manage project 	<p>Ability to develop and implement organizational change</p> <p>Ability to collaborate with:</p> <ul style="list-style-type: none"> • other professions • other agencies 	<p>Observation of and discussion with senior medical and management staff</p> <p>Attendance at Directorate</p>	<p>Log of experience and competence</p> <p>TPD report</p>

<p>Health and safety</p> <p>Management</p> <ul style="list-style-type: none"> • strategy development • business planning • project management <p>Financial resource management</p> <p>Human resources</p> <ul style="list-style-type: none"> • team building • appointments procedures • disciplinary procedures <p>Scrutiny of organization</p> <ul style="list-style-type: none"> • Healthcare Commission • PMETB / educational inspection visits 	<p>Be able to participate in recruitment</p> <ul style="list-style-type: none"> • job specification • interview and selection 	<p>Develop interviewing techniques and those required for performance review</p>	<p>management meetings / interviews</p> <p>Management course</p>	
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18.7 Information use and management

Objective Demonstrate competence in the use and management of health information

Knowledge Criteria	Clinical Competency	Professional skills and attitudes	Training support	Evidence / Assessment
Input, retrieval and utilization of data recorded on clinical systems relevant to subspecialty	<p>Be able to use relevant</p> <ul style="list-style-type: none"> • software • databases • web sites 	Ability to apply principles of confidentiality in context of IT	Observation and discussion with senior medical staff	TPD report

<p>Main local and national projects and initiatives in IT and its applications</p> <ul style="list-style-type: none"> • NPfIT and Connecting for Health <p>Confidentiality of data</p> <ul style="list-style-type: none"> • principles and implementation • role of Caldicott guardian 			World wide web	
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18.8 Professional Activities

Objectives: The undertaking of further activities that contribute to the general professional development of a subspecialist in gynaecological oncology

- Attendance at Clinical and Scientific Meetings
- Involvement in departmental multidisciplinary, audit and morbidity meetings
- Teaching of multidisciplinary groups
- Departmental Projects
- Formal research projects
- Administrative tasks

Knowledge Criteria	Clinical Competency	Professional skills to be assessed	Training Support	Evidence
Broadening of knowledge and appraisal of new developments within subspecialty	Supporting professional activities	Critical appraisal of novel work	Journal Club Attendance at Society Meetings	Log book Personal development file
Continued audit of personal and departmental standards		Understanding of audit process Ability to lead audit process	Supervision of audit	
Lead MDTM		Ability to lead MDTM	Supervision of MDTM	
Development and/or revision of departmental protocols		Ability to question clinical practice with evidence base		
Awareness of				

<p>administrative structure required to run Cancer Service</p> <p>Teaching multidisciplinary groups</p> <p>Development of clinical and scientific research protocols</p> <p>Ethical issues in cancer treatment and research</p>		<p>Ability to liaise with network colleagues</p> <p>Awareness of cancer network models</p> <p>Under/post graduate teaching, primary care team & nurse specialists</p>	<p>Attendance at departmental business/cancer network meetings</p>	
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Module 2 - Pre-peri-post operative care	Competence		
	1	2	3
Preparation for operating theatre			
Selection of procedure			
Consent			
Bowel preparation			
Thromboprophylaxis			
Appropriate intraoperative care			
Positioning of patient			
Incision / exposure			
Management of complications			
Haemorrhage			
Bowel			
Urinary			
Appropriate post operative care			
Fluid balance			
Nutrition			
Infection			
Wound complications			
Communication with			
Patient			
Relatives			
	SST Year 1 (clinical)	SST Year 2 (clinical)	
Courses attended	Date		

Module 7 - Cancer of the vulva	Competence					
	1	2	3			
Pathology of vulval cancer						
Staging of vulval cancer						
Counsel for the complications of treatment						
Management of late stage vulval cancer						
Management of recurrent vulval cancer						
Management of malignant melanoma						
	Number			Competence		
	Observed	Managed under supervision	Managed independently	1	2	3
Wide local excision of vulva						
Simple vulvectomy						
Sub-facial groin lymph node dissection						
Radical Vulvectomy						
Skin graft of vulva (full thickness/advancement/rotational grafts)			beyond SST (see plastic surgery module)			
Plastic reconstruction (e.g. Gracilis muscle graft of vulva, TRAM)						
Biopsy of groin nodes						
Sentinel node detection						
	SST Year 1 (clinical)	SST Year 2 (clinical)				
Mini-CEX (vulva)						
CbD (vulva)						
Courses attended	Date					

Module 8 - Cancer of the vagina	Competence					
	1	2	3			
Pathology of vaginal cancer						
Investigation and staging of vaginal cancer						
	Number			Competence		
	Observed	Managed under supervision	Managed independently	1	2	3
Vaginoscopy and vaginal biopsy						
Partial vaginectomy (vaginal approach)						
Partial vaginectomy (abdominal approach)						
Radical excision of vagina						
	SST Year 1 (clinical)	SST Year 2 (clinical)				
Mini-CEX (vagina)						
CbD (vagina)						
Courses attended	Date					

Module 13 - Urology	Competence					
	1	2	3			
Order and interpret investigations of urinary tract						
Management of obstructive uropathy						
Identify and manage urinary tract injury						
Prevention of complications of chemotherapy						
	Number			Competence		
	Observed	Managed under supervision	Managed independently	1	2	3
Insert supra pubic catheter						
Cystoscopy						
Ureteroscopy						
Ureteric stent						
Surgical repair of bladder injury						
Repair of ureter						
Ureteric reimplantation						
Primary anastomosis of ureter						
Cystectomy						
Ileal conduit						
Continent urinary diversion						
	Number of sessions attended					
Urology theatre lists						
	SST Year 1 (clinical)	SST Year 2 (clinical)				
Courses attended	Date					

Module 14 - Colorectal Surgery	Competence					
	1	2	3			
Select and mark stoma site						
Plan and prescribe TPN						
Manage enteric fistula						
	Number			Competence		
	Observed	Managed under supervision	Managed independently	1	2	3
Over sew bowel serosa						
Repair small bowel injury						
Resect and reanastomosis of small bowel						
Perform ileostomy						
Resect large bowel						
Perform colostomy						
Primary anastomosis of large bowel						
Abdominal perineal resection						
	Number of sessions attended					
Colorectal theatre lists						
	SST Year 1 (clinical)	SST Year 2 (clinical)				
Courses attended	Date					
Bowel anastomosis course						

Module 15 - Plastic Surgery and Wound Care	Number			Competence		
	Observed	Managed under supervision	Managed independently	1	2	3
Repair of wound dehiscence						
Repair of incisional hernia						
without mesh						
with mesh						
Selection of patients for appropriate surgical intention using:						
Split thickness skin graft						
rotational flaps						
Advancement flaps						
Myocutaneous flaps						
Williams procedure						
Myocutaneous grafts						
	Number of sessions attended					
Plastic surgery theatre lists						
Plastic surgery clinics/ward rounds						
	SST Year 1 (clinical)	SST Year 2 (clinical)				
Courses attended	Date					

Module 16 - Gestational Trophoblastic Disease	Competence		
	1	2	3
Diagnosis of:			
Partial mole			
Complete mole			
Choriocarcinoma			
Principles of investigation, treatment and follow up of all grades of GTD			
	SST Year 1 (clinical)	SST Year 2 (clinical)	
Mini-CEX gestational trophoblastic disease			
CbD gestational trophoblastic disease			
Courses attended	Date		
Gestational Trophoblastic Disease			

Module 18 - Professional Activities			
Society Meetings (e.g. BGCS, IGCS, etc)	Venue	Date	Presentation
Audit (topics and involvement)	Involvement	Date	Signature and Date
Morbidity & Mortality Meetings	Involvement	Date	Signature and Date
	Sessions as Chair of MDTM		Signature and Date
Multidisciplinary Meetings			
Cancer Network/Departmental Meetings	Topic	Date	Signature and Date