

2022 Genitourinary Medicine Undergraduate Curriculum

Area of Professional Knowledge

MLA	2022 GUM curriculum	e-LfH
<p>Social and population health: <i>Includes health promotion and illness prevention, health economics, research and data/statistics, social science, public health and/or global health</i></p>	<p>Desirable: Outline the ways in which sexual health services are different from general medical services, including access issues, self-referral, self-sampling, and public health role.</p>	

Other 'areas of professional knowledge' listed in the MLA that are intrinsically linked to GUM but do not have a specific ILO as they are covered by multiple curriculum items:

- Allergy and immunology
- Biomedical sciences
- Clinical pharmacology and therapeutics
- Medical ethics and law
- Microbiology
- Psychological principles
- Includes clinical anatomy, clinical physiology, clinical pathology and science of ageing

Clinical and Professional Capabilities

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<p>Obtains relevant information about the patient through appropriate history and physical/mental health examination, formulating a prioritised list of problems and differential diagnoses</p>	<p>Core:</p> <ul style="list-style-type: none"> ○ Obtain an appropriate sexual history to assess risk for STIs and pregnancy and to communicate this risk to individual patients in a sensitive, non-judgemental manner. ○ Describe normal anatomy of male and female genital tract and competently perform male and female genital examinations including testicular examination and speculum and pelvic examination. ○ In relation to the diverse gender spectrum, recognise the need to sensitively establish what anatomy someone has prior to examination and be able to adjust the language you use and the examination you undertake based on this. ○ Obtain a sexual and reproductive health history to assess contraceptive need and be able to discuss appropriate contraceptive options to enable patients to make an informed decision. 	<p>01_01 Sexual Behaviour and Infection Risk 01_02 Sexual History 01_04 Male Anatomy and Physiology 01_05 Female Anatomy and Physiology 01_08 Male Genital Examination 01_09 Female Genital Examination 01_10 Examination of Extra-genital Sites 01_20 Sexual and Reproductive Healthcare for Trans, Non-binary and Intersex People</p>
<p>Assesses and generates management plans to promote health and prevent disease</p>	<ul style="list-style-type: none"> ○ See all ILOs in Conditions and Presentations. 	

<p>Demonstrates understanding of patient capacity, consent, and confidentiality in delivering care</p>	<p>Core:</p> <ul style="list-style-type: none"> ○ Be familiar with the GMC guidance on intimate examinations. ○ Understand and practise confidentiality and be aware of current GMC guidance and legislation concerning confidentiality with particular reference to sexual and reproductive health and HIV medicine. <p>Desirable:</p> <ul style="list-style-type: none"> ○ Understand and practise legal responsibilities relevant to sexual activity and sexual health and HIV care (e.g. issues of consent, disclosure, providing care for minors, people with learning difficulties, suspected abuse, rape). 	<p>01_03 Confidentiality in Sexual Health 08_01 Consent, Competence and Confidentiality for Under 18s</p>
<p>Safeguards vulnerable patients</p>	<p>Desirable:</p> <ul style="list-style-type: none"> ○ Understand the role of the health care professional in managing medical, psychological, and forensic needs of survivors of sexual assault. ○ Be able to identify vulnerable patients including under 18's, vulnerable adults, those at risk of domestic abuse and sexual violence and be familiar with what is involved in an initial safeguarding assessment (student not expected to carry out a safeguarding risk assessment alone). ○ Recognise the need to safeguard the rights of trans and non-binary people by providing gender neutral consultations. 	<p>08_03 Sexual Assault and Exploitation in Adults 08_04 Clinical Management of Sexual Assault in Adults and Young People <i>10_01 SRH Needs of Young People</i></p>

Other 'clinical and professional capabilities' listed in the MLA that can be linked to GUM but for which we do not have a specific ILO. Many of these are general professional capabilities that the student should demonstrate across all specialities and throughout their clinical attachments:

- Assesses and generates management plans for chronic conditions
- Assesses and generates management plans in emergency and acute presentations
- Assesses and manages risk

- Behaves in accordance with legal and ethical responsibilities (including equality and diversity principles)
- Communicates effectively with health care professionals, patients, relatives, carers and other advocates
- Deals appropriately with complexity and uncertainty including managing multimorbidity and prioritising tasks
- Demonstrates reflective practice
- Demonstrates understanding of the importance of self-care and personal wellbeing
- Identifies and requests relevant investigations, interprets results and ensures they are acted on appropriately in the context of the clinical situation, avoiding over-investigation
- Manages pain
- Performs procedures safely
- Prescribes, reviews, communicates and monitors the effects of medicines safely and effectively
- Uses and records information safely and effectively
- Utilises evidence-based guidelines appropriately
- Works effectively, respectfully and supportively as a member of the team

Practical Skills

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<p>Take and/or instruct patients how to take a swab. <i>Use the correct technique to apply sterile swabs to the nose, throat, skin and wounds. Make sure that samples are placed in the correct containers, that these are labelled correctly and sent to the laboratory promptly and in the correct way.</i></p>	<p>Core:</p> <ul style="list-style-type: none"> ○ Take microbiological and virological swabs from ano-genital sites that are relevant to the patient's symptoms and risk factors, and which are appropriate to the medical setting. 	
<p>Prepare and administer injectable (intramuscular, subcutaneous, intravenous) drugs. <i>Prepare and administer injectable drugs and prefilled syringes</i></p>	<p>Desirable:</p> <ul style="list-style-type: none"> ○ Prepare and administer injectable drugs and prefilled syringes e.g. vaccinations, antibiotic treatment etc. 	
<p>Carry out a urine multi dipstick test <i>Explain to patient how to collect a midstream urine sample. Test a sample of urine to detect abnormalities. Perform a pregnancy test where appropriate.</i></p>	<p>Desirable:</p> <ul style="list-style-type: none"> ○ Perform and interpret near patient pregnancy testing. ○ Perform and interpret urinalysis e.g. in patients presenting for PrEP, suspected UTI, recurrent candida. 	

Presentations

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<p>Contraception request/advice</p>	<p>Core:</p> <ul style="list-style-type: none"> ○ Demonstrate basic knowledge of currently available common contraceptive methods and be able to communicate to clients the mechanism of action and failure rate. <p>Desirable:</p> <ul style="list-style-type: none"> ○ Be familiar with and understand how to use the UK medical eligibility criteria. Manage under supervision, or refer as appropriate, the contraceptive needs of a client presenting with a medical condition that may contraindicate the method she/he is currently using. ○ Describe to a patient methods of emergency contraception and indications and guidance for use. ○ Understand situations in which the different methods of contraception may fail and be able to apply this in practice to routine medical care to avoid iatrogenic failures. 	<p><i>03_01 Mechanisms of action, effectiveness and UKMEC</i> <i>03_02 Choosing Contraceptive Methods Updated</i> <i>04_01 Emergency Contraception</i></p>
<p>Unwanted pregnancy and termination</p>	<p>Desirable:</p> <ul style="list-style-type: none"> ○ Provide information regarding different methods of termination of pregnancy (ToP) and legal procedures relating to referral for ToP. ○ Understand the role of the health care professional (HCP) in managing/referring a woman requesting ToP (including when the HCP is a conscientious objector). ○ Provide information and support decision making for women facing an unplanned pregnancy. 	<p>17_06 Termination of Pregnancy (Therapeutic Abortion)</p>
<p>Erectile dysfunction, loss of libido, painful sexual intercourse</p>	<p>Desirable:</p> <ul style="list-style-type: none"> ○ Be able to discuss erectile dysfunction, loss of libido and painful sexual intercourse with a patient, recognise that there are 	<p>01_15 Sexual Problems - Part 1 01_16 Sexual Problems - Part 2 01_17 Sexual Problems - Part 3</p>

	physiological and psychological causes and know where to refer them if appropriate.	01_18 Sexual Problems - Part 4
Pelvic pain	<p>Core:</p> <ul style="list-style-type: none"> ○ Recognise and manage, under supervision, medical conditions that are not immediately life threatening but which require early treatment including: <ul style="list-style-type: none"> ▪ pelvic pain, ▪ perianal symptoms, ▪ painful sexual intercourse, ▪ scrotal/testicular pain and/or lump/swelling, ▪ urethral discharge ▪ genital ulcers/warts, ▪ vaginal discharge, ▪ vulval itching/lesion, ▪ vulval/vaginal lump ▪ lump in groin. 	<p>01_11 Clinical Signs in Genitourinary Medicine</p> <p>05_01 Genital Lumps</p> <p>05_02 Differential Diagnosis of Anogenital Warts</p> <p>05_03 Anogenital Warts</p> <p>10_01 Vaginal Discharge</p> <p>03_01 Male Urethritis: Diagnosis and Management</p> <p>04_01 Genital Ulceration: Causes and Investigation</p>
Perianal symptoms		
Painful sexual intercourse		
Scrotal/testicular pain and/or lump/swelling,		
Urethral discharge		
Genital ulcers/warts		
Vaginal discharge		
Vulval itching/lesion		
Vulval/vaginal lump		
Lump in groin		

Other 'presentations' listed in the MLA that might present to GU services/might be related to an STI but are more likely to be seen and treated elsewhere:

- Abnormal cervical smear result
- Acute abdominal pain
- Acute joint pain/swelling
- Acute rash
- Addiction
- Altered sensation, numbness and tingling
- Child abuse
- Diarrhoea
- Jaundice
- Lymphadenopathy
- Menstrual problems
- Pruritus
- Subfertility

- Urinary symptoms
- Amenorrhoea

Conditions

MLA	2022 GUM curriculum	e-LFH
Bacterial vaginosis (BV)	Core: <ul style="list-style-type: none"> ○ Describe the basic epidemiology, pathogenesis, symptoms and signs of BV and candida ○ Describe/take appropriate samples from correct sites for investigation of BV and candida ○ Describe the management of BV and candida including conservative management as well as pharmacological intervention. 	10_03 Candida and Yeast Infections 10_04 Bacterial Vaginosis
Candidiasis		
Chlamydia	Core: <ul style="list-style-type: none"> ○ Understand the basic epidemiology of chlamydia, gonorrhoea and trichomonas and public health issues to control spread of infection both locally and nationally. ○ Describe the pathogenesis, symptoms and signs of chlamydia, gonorrhoea and trichomonas and take appropriate samples from relevant sites for investigation of these. ○ Describe the management of chlamydia, gonorrhoea and trichomonas including treatment, partner notification and test of cure if appropriate. 	03_05 Chlamydia Trachomatis: Natural History and Management 01_14 Partner Notification When and How 03_03 Gonorrhoea: Natural History and Management 10_02 Trichomonas Vaginalis 03_16 Sexually-acquired Reactive Arthritis
Gonorrhoea		
Trichomonas vaginalis (TV)		
Disease prevention/screening	Desirable: <ul style="list-style-type: none"> ○ Explain principles of safer sex and risk reduction including barrier methods and demonstration of correct condom use, alcohol use, drug use including chemsex and injecting drugs, offering vaccinations as appropriate. 	09a_01 STIs in Pregnancy 01_13 Chlamydia Screening 11_02 Antenatal HIV Testing 01_12 Screening asymptomatic patients 01_19 Chemsex
Vaccination		

Substance use disorder	<ul style="list-style-type: none"> ○ Outline national screening programs relevant to sexual and reproductive health and HIV (currently - cervical screening, chlamydia screening and antenatal BBV testing). 	
Epididymitis and orchitis	<p>Core:</p> <ul style="list-style-type: none"> ○ Describe the basic epidemiology, pathogenesis, symptoms, and signs of epididymitis and orchitis. ○ Describe/take appropriate samples from correct sites for investigation of epididymitis and orchitis. ○ Describe the management of epididymitis and orchitis including treatment, partner notification and follow up as appropriate. 	03_07 Epididymitis
Herpes simplex virus (HSV)	<p>Essential:</p> <ul style="list-style-type: none"> ○ Understand the basic epidemiology of HSV and public health issues to control spread of infection both locally and globally. ○ Describe the pathogenesis, symptoms and signs of HSV and take appropriate samples from appropriate sites for investigation of HSV. ○ Describe the management of HSV including supportive treatment as well as medical management and partner notification. <p>Desirable:</p> <ul style="list-style-type: none"> ○ Recognise and explore the psychological and social impact of STI diagnoses including but not limited to HSV diagnosis and be aware of local/national organisations that can provide support e.g. Herpes virus association. 	04_06 Genital Herpes: Natural History and Complications 04_09 Initial and Recurrent Episode HSV
Human immunodeficiency virus	<p>Core:</p> <ul style="list-style-type: none"> ○ Understand the basic epidemiology of HIV and public health measures to control spread of infection both locally and globally including U=U/treatment as prevention and prevention of vertical transmission. ○ Recognise the situations in which it is appropriate to consider PEPSE and PrEP to prevent HIV infection. ○ As part of a routine social history assess risk of blood borne viruses and discuss this with the patient and recommend testing where appropriate. 	12_01 Natural History of HIV Infection 11_04 Occupational Exposure to HIV 11_01 HIV Testing 11_06 PEPSE 11_07 HIV Pre-Exposure prophylaxis 15_01 HIV Related Malignancy

	<ul style="list-style-type: none"> ○ Recognise HIV indicator conditions and recommend HIV testing for patients presenting with these conditions or where HIV is part of the differential diagnosis. ○ Describe the pathogenesis, symptoms and signs of HIV and describe investigations for HIV. ○ Understand the general management of HIV including antiretroviral therapy, prophylaxis for opportunistic infections, vaccinations, and partner notification. ○ Recognise medical presentations that may be caused by primary or established HIV infection. <p>Desirable:</p> <ul style="list-style-type: none"> ○ Recognise, manage under supervision, or refer as appropriate, the presentations of with pneumocystis pneumonia, tuberculosis, Kaposi's sarcoma, lymphoma, hepatitis B and C in people living with HIV. ○ Describe the immediate, short term, and longer-term actions required after occupational exposure to blood borne viruses. ○ Understand and practise the legal responsibilities relevant to health care workers who are living with HIV. ○ Recognise and explore the psychological and social impact of an HIV diagnosis and be aware of local/national organisations that can provide support e.g. Terrence Higgins Trust, Positively UK etc. 	
<p>Pelvic inflammatory disease</p>	<p>Core:</p> <ul style="list-style-type: none"> ○ Describe the basic epidemiology, pathogenesis, symptoms, and signs of pelvic inflammatory disease and describe/take appropriate samples from correct sites for investigation of pelvic inflammatory disease. ○ Describe the management of pelvic inflammatory disease including treatment, partner notification and follow up as appropriate. 	<p>03_10 Pelvic Inflammatory Disease: Overview</p>

Scabies	Desirable: <ul style="list-style-type: none"> ○ Describe the basic epidemiology, pathogenesis, symptoms, and signs of scabies and describe/take appropriate samples from correct sites for investigation of scabies. ○ Describe the management of scabies including treatment, partner notification and follow up as appropriate. 	06_01 Scabies and Pediculosis Pubis (Pubic Lice)
Syphilis	Core: <ul style="list-style-type: none"> ○ Understand the basic epidemiology of syphilis and public health measures to control spread of infection both locally and globally. ○ Describe the pathogenesis, symptoms and signs of syphilis and take appropriate samples from appropriate sites for investigation of syphilis. ○ Describe the management of syphilis including treatment, partner notification and follow up. 	04_02 Early Infectious Syphilis
Viral hepatitis	Core: <ul style="list-style-type: none"> ○ Understand the basic epidemiology of viral hepatitis and public health issues to control spread of infection both locally and globally. ○ Describe the pathogenesis, symptoms and signs of viral hepatitis and describe appropriate investigations for diagnosis of viral hepatitis. ○ Describe the management of viral hepatitis including treatment, partner notification, further investigations, and referral as appropriate. 	07_01 The Presentation of Infectious Hepatitis 07_02 Hepatitis A: Natural History and Management 07_03 Hepatitis B: Natural History, Presentation and Investigation 07_04 Hepatitis C: Natural History, Presentation, and Investigation

Other 'conditions' listed in the MLA that might present to GU services/might be related to an STI but are more likely to be seen and treated elsewhere:

- SARA
- Ectopic pregnancy
- Cervical screening (HPV)
- Conjunctivitis
- Cutaneous fungal infection

- Infectious diarrhoea
- Notifiable diseases
- Perineal abscesses and fistulae
- Testicular cancer
- Testicular torsion
- Urinary tract infection

e-LfH key:

- Non-italic text are HIV-STI sessions
- *Italic text are e-SRH sessions.*