



Merritt Based Medicine

A Medical Student's Tips, Tricks, & Experiences

Merritt's Block 4, Module 4 (Reproduction) Study Plan:

Associated YouTube Study Material Playlist Linked [Here](#).

Week #1 Topics

TOPIC 1: MALE REPRODUCTIVE SYSTEM – GROSS ANATOMY

- + COA PDF (on Canvas) + Intro & Gonadotroph Overview LG @8AM – 10AM (04/5) + BB Penile Disorders
- + BB Scrotal Disorders + BB Testicular Cancer + Pathoma – Male – Penis + Picmonic – Ejaculation Pathway
- + Ninja Nerd – Anatomy of Male Repro. System (~ 15 min.) + Noted Anatomist – Male Repro. System (~ 13 min.)
- + Dirty Medicine – Epididymitis vs. Torsion vs. Hydrocele vs. Varicocele (~ 11 min.)

TOPIC 2: HISTOLOGY & CELL BIOLOGY – MALE REPRODUCTIVE ORGANS

TOPIC 2 SUBTOPIC: TESTIS

- + Pawlina: Ch. 22 (pp. 832-850, Plates 86-87 [pp. 864-867]) + BB Spermatogenesis & Oogenesis
- + Pathoma – Male – Testicle + Histology Wizard – Male Reproductive Histology (~ 20 min.)

TOPIC 2 SUBTOPIC: MALE REPRODUCTIVE TRACT AND ACCESSORY GLANDS

- + Pawlina: Ch. 22 (pp. 850-863, Plates 88-91 [pp. 868-875]); Ch. 20 (p. 769) + Endo Male Histology PPT (Canvas)

TOPIC 3: GONADAL STEROIDOGENESIS

- + Kacsoh: Steroidogenesis monograph (Canvas) + BB Reproductive Hormones

TOPIC 4: MALE REPRODUCTIVE PHYSIOLOGY AND BIOCHEMISTRY

- + Boron (pp. 1092-1107) + BB Male Reproductive Hormones + Ninja Nerd – Spermatogenesis (~ 23 min.)
- + Ninja Nerd – Erection & Ejaculation (~ 15 min.) + Noted Anatomist – Stimulation, Emission, & Ejaculation (~ 20 min.)

TOPIC 5: PHARMACOLOGY OF ANDROGENS AND AGENTS AFFECTING SEXUAL FUNCTION

TOPIC 5 SUBTOPIC: ANDROGENS

- + Katzung (pp. 740-745) + Thomas Repro Pharm PPT (Canvas) + BB Hypogonadism

TOPIC 5 SUBTOPIC: AGENTS AFFECTING SEXUAL FUNCTION

- + Katzung (pp. 740-745) + (pp. 200 Erectile Dysfunction) + Thomas Repro Pharm PPT (Canvas)

TOPIC 6: PSYCHIATRIC ASPECTS OF MALE HYPOGONADISM AND STEROID USE

- + Sterenson (pp. 121, 124, 125, 127, 1089-1092, 1155-1168, 1443, pp. 1162-1163)
- + Picmonic – Klinefelter's Syndrome + Pixorize – Klinefelter's Syndrome + BB Turner & Klinefelter Syndromes

TOPIC 7: IMMUNE SYSTEM INTERACTIONS WITH MALE REPRODUCTIVE TISSUES

- + Zhao's Testicular Defense Systems PDF (Canvas) + Fertility LG @8:00 – 10AM (04/13)
- + Modalities for Treatment of Anti-Sperm Antibody Mediated Infertility (Canvas) + Chapel Ch. 15.8 (pp. 298)

Color Code Key:

Required Materials
Optional Recourses

Picmonic / Pixorize
Boards & Beyond

Pathoma
Sketchy Pharm / Sketchy Micro

Osmosis/YouTube

Week #1 Topics

TOPIC 8: REGRESSIVE CHANGES OF THE TESTIS AND LESIONS OF THE TUNICA VAGINALIS

+ Robbins Ch. 18 (pp. 692-693) + Lesions of the Tunica (PDF of Big Robbins pp. 974 on Canvas)

TOPIC 9: DISORDERS WITH CYTOGENETIC ABNORMALITIES OF THE SEX CHROMOSOMES

+ Jorde: Ch. 5: 114-117; Clinical Commentary 6-2 + BB Disorders of Sexual Development
+ Greenspan Ch. 14 (pp. 480-485, 492-502, Table 14-1 * focus only on the genetics
+ Picmonic – Turner Syndrome + Pixorize – Turner Syndrome + BB Turner & Klinefelter Syndromes

TOPIC 10: MALE INFLAMMATION, SEXUALLY TRANSMITTED DISEASES (STD'S)

+ Sexually Transmitted Infections LG @10AM – 12PM (04/27)
+ Sketchy Micro – Bacteria – Gram Neg. Cocci – Neisseria gonorrhoea
+ Sketchy Micro – Bacteria – Spirochetes – Treponema Palladium
+ Sketchy Micro – Bacteria – Gram Intermediate – Chlamydia Trachomatis, Pneumonia, philapsittaci
+ Sketchy-Less Bugs: **HAEMOPHILUS DUCREYI** - Murray: Ch. 24 (pp. 243-248)

TOPIC 11: TREATMENT OF SEXUALLY TRANSMITTED DISEASES

+ Thomas Repro Pharm PPT (Canvas)
+ Sketchy Pharm – Other Antibiotics – Fluoroquinolones (**ciprofloxacin, ofloxacin**)
+ Sketchy Pharm – Cell Wall and Membrane Active Antibiotics – Penicillin G (**Penicillin G, benzathine benzylpenicillin**)
+ Sketchy Pharm – Cell Wall and Membrane Active Antibiotics – Cephalosporin's (**ceftriaxone**)
+ Sketchy Pharm – Inhibitors of Bacterial Protein Synthesis – Macrolides (**azithromycin**)
+ Sketchy Pharm – Inhibitors of Bacterial Protein Synthesis – Tetracycline's: (**doxycycline**)

TOPIC 12: PENILE CARCINOMA (PATHOLOGY)

+ Robins Ch. 18 (pp. 691 – 692) + pp. 964 of Big Robins (PDF on Canvas)

TOPIC 13: PROSTATITIS, PROSTATIC HYPERPLASIA, PROSTATIC CARCINOMA

+ Robins Ch. 18 (pp. 697 – 702) + BB Prostate + Pathoma – Male – Prostate
+ Prostate LG @8:00 – 10AM (04/6) + Picmonic – Prostate Adenocarcinoma Characteristics & Presentation
+ Picmonic – Benign Prostatic Hyperplasia (BPH) Disease + Picmonic – BPH Diagnosis & Treatment

TOPIC 14: TREATMENT OF PROSTATE CANCER

TOPIC 14 SUBTOPIC: ENDOCRINE TREATMENTS

+ Prostate Cancer + Prostatitis Treatments PPT (Canvas)
+ Picmonic – Leuprolide + Sketchy Pharm – Anti-Fungal – Azoles (focus on **ketoconazole**) + Picmonic – Finasteride
+ Sketchy-Less Drugs: long-acting GnRH analogs for prostate cancer (**leuprolide, goserelin, degarelix, relugolix**) + **abiraterone, finasteride, dutasteride, flutamide, bicalutamide, nilutamide, cyproterone, enzalutamide**

TOPIC 14 SUBTOPIC: AGENTS FOR HORMONE-REFRACTORY OR CASTRATION RESISTANT PROSTATE CANCER

+ Picmonic – Ipilimumab + Picmonic – mitoxanthrone + Picmonic – docetaxel
+ Sketchy-Less Drugs: **Abiraterone, sipuleucel-T, ipilimumab, mitoxanthrone, docetaxel, cabazitaxel**



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Week #1 Topics

TOPIC 15: HISTOLOGY & CELL BIOLOGY – FEMALE REPRODUCTIVE ORGANS

- + Noted Anatomist – Female Repro: Pelvic Organs (~28 min.) + Female Repro: Perineum (~19 min.)
- + Ninja Nerd – Anatomy of Female Repro. System (~16 min.) + Female Repro. System Overview (~11 min.)

TOPIC 15 SUBTOPIC: OVARY

- + Histology Wizard – The Ovary Histology (~ 13 min.)

TOPIC 15 SUBTOPIC: FEMALE GENITAL TRACT

- + Histology Wizard – Uterus to Mammary Glands Histology (~ 19 min.)

TOPIC 16: PHYSIOLOGY AND BIOCHEMISTRY OF FEMALE REPRODUCTION

TOPIC 16 SUBTOPIC: OVARY & MENSTRUAL CYCLE

- + Boron (pp. 1108-1128) + BB Menstrual Cycle + BB Female Reproductive Hormones + Picmonic – Follicular Phase
- + Picmonic – Luteal Phase + Picmonic – Menopause Symptoms + Picmonic – Menopause Lab Findings
- + Ninja Nerd – Ovulation (~ 34 min.) + Ninja Nerd – Menstrual Cycle (~ 22 min.)

TOPIC 17: POLYCYSTIC OVARY SYNDROME AND ITS DIFFERENTIAL DIAGNOSIS

- + Polycystic Ovary Syndrome (on Canvas) + BB Ovarian Cysts + Pathoma– Female – Ovary
- + Picmonic – PCOS Mechanism + Picmonic – PCOS Symptoms & Diagnosis + Picmonic – PCOS Treatment
- + Dirty Medicine – Ovary Pathology (~ 10 min.)

TOPIC 18: FEMALE REPRODUCTIVE SYSTEM: POLYCYSTIC OVARIAN SYNDROME (BEHAVIORAL SCIENCE)

- + Sterenson (pp. 121, 124, 125, 127, 1089-1092, 1155-1168, 1443, pp. 1162-1163)

TOPIC 19: PHARMACOLOGY – FEMALE REPRODUCTIVE: OVARY AND PROLACTIN

- + Thomas Repro Pharm PPT (Canvas) + Ulipristal Acetate PDF (Canvas) + Picmonic – Raloxifene
- + Sketchy Pharm – GI & Endocrine – Osteoporosis drugs: Bisphosphonates, raloxifene: calcitonin: denosumab
- + Picmonic – Aromatase Inhibitors (exemestane, anastrozole, letrozole) + Picmonic – Trastuzumab
- + Picmonic – Tamoxifen + Picmonic – Fulvestrant + Picmonic – mifepristone

Sketchy-Less Drugs: estrogens (estradiol, ethinyl estradiol, estrone, mestranol), SERMs (tamoxifen, toremifene), antiestrogens (clomiphene, fulvestrant, danazol), estrogen synthesis inhibitors (exemestane, anastrozole, letrozole), progestins (progesterone, medroxyprogesterone acetate, megestrol acetate, norethindrone, norgestrel, desogestrel), mifepristone, SPRM (ulipristal acetate), LH, FSH, and hCG preparations-menotropins: recombinant FSH-follitropin, urofollitropin, and combination oral contraceptives.



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Week #2 Topics

TOPIC 20: FEMALE REPRODUCTIVE, MAMMARY GLAND – EMBRYOLOGY & GROSS ANATOMY

TOPIC 20 SUBTOPIC: FEMALE INGUINAL CANAL

+ COA (pp. 433-434) + Picmonic – Prolapsed Umbilical Cord + Picmonic – Incompetent Cervix

TOPIC 20 SUBTOPIC: FEMALE REPRODUCTIVE SYSTEM

+ COA (pp. 617, 628 [Fig. 6.48], 629) + (pp. 561-563) + (pp. 618-626; 642-643; 660-661) + BB Pregnancy

TOPIC 20 SUBTOPIC: BREAST

+ Gilroy (pp. 70-72) + COA (pp. 323-326) + Klatt's PPT (on Canvas) + BB Breast Tissue + Pathoma – Breast – Intro

TOPIC 21: HISTOLOGY & CELL BIOLOGY – FEMALE REPRODUCTIVE ORGANS

TOPIC 21 SUBTOPIC: CONCEPTION & PLACENTA + MAMMARY GLAND

+ BB Placenta + Ninja Nerd – Fertilization (~ 24 min.)

TOPIC 22: PHYSIOLOGY AND BIOCHEMISTRY OF FEMALE REPRODUCTION

TOPIC 22 SUBTOPIC: FERTILIZATION, IMPLANTATION & FUNCTION OF THE MATERNAL - PLACENTAL-FETAL UNIT

+ Boron (pp. 1129-1142, 1144-1150)

TOPIC 22 SUBTOPIC: FETAL AND NEONATAL PHYSIOLOGY

+ Boron (pp. 1151-1157, 1164-1168)

TOPIC 22 SUBTOPIC: HORMONAL ADAPTATION TO PREGNANCY & GESTATIONAL DIABETES MELLITUS (GDM)

+ Greenspan Ch. 16 – Fetal-Placental-Decidual Unit through Maternal Pancreas (pp. 577-583)

+ Greenspan Ch. 17 – Serum Fructosamine, DIABETES MELLITUS AND PREGNANCY (pp. 628, 673-680)

TOPIC 23: AGENTS THAT CAUSE CONTRACTION OR RELAXATION OF THE UTERUS

+ Thomas Repro Pharm PPT (Canvas) + Tocolytic Therapies Monograph (on Canvas)

+ Sketchy Pharm – Smooth Muscle – Prostaglandins, PDE5 inhibitors (focus on **misoprostol**, **dinoprostone**)

+ Sketchy Pharm – Cardiovascular & Kidney – Calcium Channel Blockers (focus on **nifedipine**)

+ Sketchy Pharm – Blood & Inflammation – NSAID's, selective COX inhibitors (focus on **indomethacin**)

+ Picmonic – Oxytocin (Pitocin) + Picmonic – Misoprostol & Dinoprostone

+ **Sketchy-Less Drugs: oxytocin**, ergot alkaloids (**ergonovine**), progesterone therapy (**17 α -hydroxyprogesterone** and oxytocin antagonists (**atosiban**- classic, no longer FDA approved).

TOPIC 24: GESTATIONAL AND PLACENTAL DISORDERS

+ Choriocarcinoma Treatment Using Methotrexate PPT (on Canvas) + BB Twins

+ BB Maternal-Fetal Disorders + BB Hypertension in Pregnancy + BB Placental Complications

+ BB Gestational Tumors + Pathoma – Female – Gestational Pathology + Picmonic – Ectopic Pregnancy

+ Picmonic – Abruptio Placentae + Picmonic – Placenta Previa + Picmonic – Placental Implantation Abnormalities

TOPIC 25: IMMUNE SYSTEM INTERACTIONS WITH FEMALE REPRODUCTIVE TISSUES

+ Chapel Ch. 18 (325-328)



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Week #2 Topics

TOPIC 26: GENETIC DISEASES IN THE REPRODUCTIVE SYSTEM

TOPIC 26 SUBTOPIC: BRCA1/2 AND HEREDITARY BREAST & OVARIAN CANCER

- + Jorde Ch. 11 (pp. 233-235) + Ch. 13 (pp. 270-271, BRCA Screening Issues) + BB Breast Carcinoma
- + Pathoma – Female – Ovarian Tumors + Pathoma – Breast – Breast Cancer

TOPIC 27: GONAD TUMORS: TESTICULAR AND OVARIAN NEOPLASMS

TOPIC 27 SUBTOPIC: TESTICULAR NEOPLASMS & OVARIAN NEOPLASMS

- + Gonad & Gynecologic Tumors LG @10AM – 12PM (04/13) + Pathoma – Male – Testicular Tumors
- + BB Ovarian Epithelial Tumors + BB Ovarian Stromal Tumors + BB Ovarian Germ Cell Tumors
- + Picmonic – **Fibromas** + Picmonic – **Cystadenoma** + Picmonic – **Cystadenocarcinoma** + Picmonic – **Brenner Tumor**
- + Picmonic – **Dysgerminoma** + Picmonic – **Yolk Sac Tumor** + Picmonic – **Teratoma** + Picmonic – **Choriocarcinoma**
- + Picmonic – **Granulosa Cell Tumor** + Picmonic – **Krukenberg Tumor** + Pathoma – Female – Ovarian Tumors

TOPIC 28: PATHOLOGY OF FEMALE GENITAL SYSTEM

TOPIC 28 SUBTOPIC: FEMALE GENITAL TRACT

- + BB Vaginal Cancer + BB Cervical Cancer + BB Breast Tissue + BB Endometrial Disorders + BB Endometriosis
- + BB Endometrial Cancer + Pathoma – Female – Vulva + Pathoma – Female – Vagina + Pathoma – Female – Cervix
- + Pathoma – Female – Endometrium & Myometrium + Picmonic – Endometritis
- + Picmonic – Endometriosis Characteristics + Picmonic – Endometriosis Symptoms & Treatment

TOPIC 28 SUBTOPIC: THE BREAST

- + BB Breast Disorders + Pathoma – Breast – Benign Tumors & Fibrocystic Changes
- + Pathoma – Breast – Inflammatory Conditions + Pathoma – Breast – Breast Cancer
- + Picmonic – Fibrocystic Changes of Breast + Picmonic – Lobular Carcinoma in Situ of Breast
- + Picmonic – Invasive Ductal Carcinoma of Breast + Picmonic – Intraductal Papilloma
- + Picmonic – Fibroadenoma + Picmonic – Phyllodes Tumor + Picmonic – Breast Cancer Diagnosis

TOPIC 29: PHARMACOLOGY – FEMALE REPRODUCTIVE

TOPIC 29 SUBTOPIC: ENDOCRINE ANTI-CANCER AGENTS IN FEMALES

- + Thomas Repro Pharm PPT (Canvas) + Hormonal & Immunological Treatment of Breast Cancer PPT (Canvas)
- + Sketchy Pharm – GI & Endocrine – Osteoporosis drugs (**raloxifene**) + Picmonic – **Raloxifene**
- + Sketchy Pharm – DNA & Cellular Division – Bleomycin (**doxorubicin, mitoxantrone**) + Picmonic – **Doxorubicin**
- + Sketchy Pharm – DNA & Cellular Division – 2.5 Vincristine (**docetaxel, paclitaxel**) + Picmonic – **Fulvestrant**
- + Sketchy Pharm – Kinase Inhibitors & Monoclonal Antibodies – 3.2 **Trastuzumab** + Picmonic – **Trastuzumab**
- + Picmonic – Aromatase Inhibitors (**exemestane, anastrozole, letrozole**) + Picmonic – **Tamoxifen**
- + Picmonic – Prednisone (**Glucocorticoids**)

Sketchy-Less Drugs: estrogens, progestins, androgens, HER2 inhibitors (**lapatinib, pertuzumab, ado-trastuzumab emtansine**); CDK 4 & 6 inhibitors (**ribociclib, palbociclib, abemaciclib**). **Niraparib** and **olaparib** (PARPs) for ovarian cancer.

April 16th: Block 4 Mod 4 Mid Mod Exam & PHMR Exam



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Week #3 Topics

TOPIC 30: REPRODUCTIVE EMBRYOLOGY & CONGENITAL ABNORMALITIES

TOPIC 30 SUBTOPIC: FEMALE DEVELOPMENT

+ BB Genital Embryology + BB Pharyngeal Pouches & Clefts + BB Cleft Lip & Palate + BB Pharyngeal Arches
+ BB Errors in Morphogenesis + Klatt's PPT (Canvas) + Picmonic – Hydrocele + Picmonic – Varicocele

TOPIC 31: GENETIC BASIS OF SEXUAL DEVELOPMENT – MALE AND FEMALE

+ Jorde Ch. 5 (pp. 114 – 117) + Greenspan Ch. 14 (pp. 480-485, 492-502, Table 14-1)
+ BB Embryonic Genes + BB Embryogenesis + BB Germ Layers

TOPIC 32: HORMONAL CONTROL OF SEXUAL DIFFERENTIATION

+ Greenspan Ch. 14 (pp. 502-544) + Picmonic – Androgen Insensitivity (Complete)
+ Picmonic – 5 Alpha Reductase Deficiency + Picmonic – Kallman Syndrome

TOPIC 33: ETHICS AND THE MEDICAL CARE OF THE LGBTQ COMMUNITY

+ LGBTQ Health Disparities PDF (Canvas) + Sexual & Gender Minority Health PDF (Canvas)
+ Greenspan Ch. 23 (pp. 771-780) + Ethics & Professionalism: LGBTQ and Healthcare LG @1PM – 4PM (04/19)

TOPIC 34: ADRENARCHE & PUBERTY

+ Greenspan Ch. 15 (pp. 547-573) + Secondary Amenorrhea with DSDs LG @8AM – 10AM (04/27)

TOPIC 35: SEXUALLY TRANSMITTED DISEASES IN FEMALES

+ Sexually Transmitted Infections LG @10AM – 12PM (04/27)

TOPIC 35 SUBTOPIC: TRICHOMONAS VAGINALIS

+ Sketchy Micro – Parasites – *Trichomonas vaginalis*

TOPIC 35 SUBTOPIC: CANDIDA ALBICANS

+ Sketchy Micro – Fungi – Opportunistic Fungi – *Candida albicans*

TOPIC 35 SUBTOPIC: GARDNERELLA VAGINALIS (NOT A TRUE STD)

+ Sketchy Micro – Bacteria – Gram Intermediate – *Gardnerella vaginalis*

TOPIC 35 SUBTOPIC: TREATMENT OF SEXUALLY TRANSMITTED DISEASES

+ Antifungals & Metronidazole PPT (Canvas) + Sketchy Pharm – Antimicrobials – Other Antibiotics – Metronidazole
+ Sketchy Pharm – Inhibitors of Bacterial Protein Synthesis – Macrolides (*clindamycin*)
+ Sketchy Pharm – Anti-Fungal – Azoles (focus on *itraconazole*, *fluconazole*, *voriconazole*, *posaconazole*, *tinidazole*)



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Week #4 Topics

TOPIC 36: GNAS MUTATIONS: VARIABLE MULTISYSTEM INVOLVEMENT

- + Greenspan Ch. 15 – McCune Albright Syndrome, Treatment of Precocious Puberty (pp. 569, 572-573)
- + Greenspan Ch. 22 – McCune Albright Syndrome (pp. 769) + Pixorize – McCune Albright Syndrome
- + Greenspan Ch. 8 – Pseudohypoparathyroidism (pp. 269-270)

TOPIC 37: CONGENITAL ADRENAL HYPERPLASIA (CAH)

- + Greenspan Ch. 14 – Adrenal Steroidogenesis (pp. 526-531) + Ch. 10 – Hyperdeoxycorticosteronism (pp. 355)
- + Sketchy-less Drugs: adrenocorticosteroids (**hydrocortisone**, **fludrocortisone**)

TOPIC 38: MICROORGANISMS THAT CAUSE FEMALE SEXUALLY TRANSMITTED DISEASES

- + Sexually Transmitted Infections LG @10AM – 12PM (04/27)

TOPIC 35 SUBTOPIC: BACTERIA AND PARASITES THAT CAUSE FEMALE STDs

- + BB TORCH Infections + Picmonic – Pelvic Inflammatory Diseases (PID) + Picmonic – Cervical Cancer Screening

FEMALE REPRODUCTION - STIs

- + Sketchy Micro – Gram Intermediate – **Chlamydia Trachomatis**, Pneumonia, philapsittaci
- + Sketchy Micro – Gram Neg. Cocci – **Neisseria gonorrhoea** + Sketchy Micro – Spirochetes – **Treponema Palladium**
- + Sketchy Micro – Bacteria – Gram Neg. – **Klebsiella granulomatis** + Sketchy Micro – Parasites – **Toxoplasma gondii**
- + Sketchy-Less Bugs: **HAEMOPHILUS DUCREYI**, **Ureaplasma urealyticum**, **Mycoplasma hominis**

PRENATAL

- + Sketchy Micro – Bacteria – Gram Positive Bacilli – **Listeria monocytogenes**
- + Sketchy Micro – Spirochetes – **Treponema Palladium** + Sketchy Micro – Spirochetes – **Borrelia burgdorferi**
- + Sketchy Micro – Parasites – **Toxoplasma gondii** + Sketchy Micro – Parasites – **Plasmodium spp.**

ASCENDING

- + Sketchy Micro – Gram Positive Bacilli – **Streptococcus agalactiae** + Sketchy Micro – **Chlamydia Trachomatis**
- + Sketchy Micro – Gram Negative Bacilli – **E. coli** + Sketchy Micro – Gram Positive Bacilli – **Listeria monocytogenes**
- + Sketchy-Less Bugs: **Genital mycoplasmas** – Murray Ch. 33 (pp. 334-336)

NATAL (VIA BIRTH CANAL)

- + Sketchy Micro – Bacteria – Gram Positive Bacilli – **Streptococcus agalactiae (Group B Strep)**
- + Sketchy Micro – Gram Negative Bacilli – **E. coli** + Sketchy Micro – Gram Positive Bacilli – **Listeria monocytogenes**
- + Sketchy Micro – Gram Neg. Cocci – **Neisseria gonorrhoea** + Sketchy Micro – **Chlamydia Trachomatis**

TOPIC 38 SUBTOPIC: VIROLOGY

- + Sketchy Micro – DNA Viruses – (**CMV**) + (**HSV-2**) + (**HPV**)

TOPIC 38 SUBTOPIC: TREATMENT OF SEXUALLY TRANSMITTED VIRAL INFECTIONS

- + B4M4 Antiviral Pharmacology PPT (Canvas)
- + Sketchy Pharm – Antivirals – Others – 8.1 **Acyclovir, valacyclovir, famciclovir, penciclovir**
- + Sketchy Pharm – Antivirals – Others – 8.2 **Ganciclovir, Valganciclovir, Foscarnet, cidofovir**

May 5th: **Block 4 End of Block Exam** – Reproduction NBME Quiz Directly Following



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Review Opportunities

Gross Anatomy Review for Reproduction PPT (Canvas)

Gross Anatomy Repro Virtual Review Lab Structures PDF (Canvas)

B4M4 Repro Histology Practice Questions (on Canvas)

Pathology Support Material: Gonadal and Breast Neoplasms + Audio PPT (on Canvas)

Pathology Support Material: Gynecologic Pathology + Audio PPT (on Canvas)

MUSM's Reproduction Quiz (on Canvas)

First Aid

AMBOSS Questions/Outlines

Web-Path Questions

U-World Questions



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Links to Free Resources

[Merritt Based Medicine Website – Drug, Disorder, Histology, etc. Charts](#)

[Merritt Based Medicine’s Reproduction YouTube Playlist](#)

[Pixorize Mnemonics for USMLE](#)

[Daddy Goljan Lectures \(Spotify\)](#)

[University of Wisconsin School of Medicine’s Histology Lab Videos](#)



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