

## Block: Medical Practice and Patient Care Week 6 - Membrane Transport/Cystic Fibrosis &amp; Cholera

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	<p><b>MCQ Exam 1 hour</b> – Covers topics from weeks 1-5</p> <p><b>Unit Overview- 30 min Lecture</b> 30-60 minutes -what will be covered - what are the learning resources</p> <p><b>Basics of Epithelium – 90min</b> Respiratory and GI as an example, glandular cells (Goblet cells) -Basic Path cellular changes (Hyperplasia) <b>E-learning</b></p>	<p><b>Plasma Membrane- Intracellular trafficking &amp; transport 2 hrs Lecture</b></p> <p><b>Membrane Transport E-learning</b></p> <p><b>Epidemiology CDC (on-line module)</b></p>	<p><b>Chloride Transporter &amp; Protein 2 hrs</b> Genetics Biochemistry Molecular Biology Protein Synthesis &amp; Folding <b>Lecture</b></p> <p><b>Mutations Lecture</b></p> <p><b>Cholera Toxin Bacterial Toxins and Function (Biochemistry) Lecture/E-learning</b></p>	<p><b>Cystic Fibrosis Cholera Clinical Lectures</b></p> <p><b>Ethics of screening CF Newborn Screening Teenagers in rebellion</b></p>	<p><b>Review of all the content 90 Min Turning Point</b></p> <p><b>Global Health – Haiti Lecture</b></p> <p><b>CF Patients at noon Panel</b></p>
PM	<p><b>Physical exam Longitudinal Group</b></p>	<p><b>Cholera epidemic London, John Snow Haiti 2 hr Video,</b></p> <p><b>NEJM Cholera &amp; Cystic 2 hrs Fibrosis Articles</b></p>	<p><b>Physical exam Longitudinal Group</b></p>	<p><b>Therapeutics – 2 hr Pharmacology, vaccination E-learning</b></p>	<p><b>Longitudinal practice</b></p>

## Block: Medical Practice and Patient Care - Week 9: Growth Control/Neoplasia

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	<p><b>Cell Cycle Regulation</b> Rb protein, p53, HPV <b>Lecture</b></p> <p><b>Angiogenesis</b> Background <b>Cell Death</b> Necrosis versus apoptosis <b>E-learning</b></p>	<p><b>HPV</b> Pathology PAP test, HPV Vaccine <b>Lecture</b></p> <p><b>Behavioral risk factors &amp; politics of screening testing</b> (TX vs MN debate) <b>Panel Present/Disc.</b></p>	<p><b>Apoptosis Pathways</b> <b>Lecture</b></p> <p><b>Epigenetics</b> <b>E-learning or Lecture</b></p> <p><b>Therapeutics</b> Tumor life cycle Chemotherapeutics <b>E-learning</b></p>	<p><b>Therapeutics</b> Reinforcing basic science of tumor biology with examples of therapeutic opportunities Clinical Trials <b>Team Teaching</b></p>	<p><b>Basic Science/Clinical Integration Session</b></p> <p><b>Genomics, Proteomics, Pharmacogenomics</b> <b>E-learning</b></p>
PM	<p><b>Working with Patients in Practices</b> Preparing for the interview (reading chart), MA skills including documentation, conducting the H&amp;P, presenting to the preceptor, follow-up with patient, empanelling patients. <b>Longitudinal Group</b></p>	<p><b>Invasion/Metastasis</b> <b>E-learning</b></p> <p><b>Tumor Biology</b> Micro environment Tumor stem cells Inflammation Evading immune detection <b>E-learning/Readings</b></p>	<p><b>Working with Patients in Practices</b> Preparing for the interview (reading chart), MA skills including documentation, conducting the H&amp;P, presenting to the preceptor, follow-up with patient, empanelling patients. <b>Longitudinal Group</b></p>	<p><b>Wound Healing</b> Compare and contrast with tumor biology <b>E-learning</b></p>	<p><b>Biomarkers and Biostats</b> Critical analysis and interpretation of research <b>Articles</b></p>

## Sample Assessment Week

Monday	Tuesday	Wednesday	Thursday	Friday
	OSCE and Practical Exam (with student flexible time)		Knowledge Exams	Reflection/ Remediation