

ENSEÑANZA CLÍNICA Y EXPERIENCIAS DE APRENDIZAJE SIN CONTACTO FÍSICO CON PACIENTE (modificado/pandemia COVID-19)

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Propuestas de sitios en línea como recursos para algunas de las especialidades para quinto año

CURSOS ESPECIALES COVID-19/ Pandemia:

- COVID Primer: Virtual Patient Simulation
https://interactives.nejm.org/external/covid_simulation/index.html?utm_source=pfw&utm_medium=email&query=pfw&jwd=000010844102&jspc=MPD
- Pandemic Scenario Tabletop Exercise
https://www.mededportal.org/doi/full/10.15766/mep_2374-8265.692#.Xqozd4Lz9pw.email
- Simulación de casos clínicos (medicina de emergencia)
<https://app.full-code.com/>
- Teaching Clinical Reasoning to Medical Students: A Case-Based Illness Script Worksheet Approach
https://www.mededportal.org/doi/full/10.15766/mep_2374-8265.10445#.Xqor01-rj04.emaill
- Interactive Team-Based Approach to Multiple Clinical Scenarios: A Third-Year Medical Student Exercise

https://www.mededportal.org/doi/full/10.15766/mep_2374-8265.10287#.XqorlUZVrbc.email=0A=0A---

- Diagnostic Reasoning Feedback: Improving Diagnostic Reasoning Skills and Feedback Satisfaction Through Structured Peer Feedback
https://www.mededportal.org/doi/full/10.15766/mep_2374-8265.10340#.XqosJYyUGEM.email=0A=0A---
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Recursos para catedráticas y catedráticos/ Variados:

- Clinical Case Based Learning Sessions
<https://icollaborative.aamc.org/resource/5012/#.XqpFiDbmU60.email>
- A Night Team Curriculum for the Inpatient Service
https://www.mededportal.org/doi/full/10.15766/mep_2374-8265.8511#.Xqo0C64eC0o.email
- Professional Competencies ToolKit: Using Flash Cards to Teach Reflective Practice to Medical Students in Clinical Clerkship
https://www.mededportal.org/doi/full/10.15766/mep_2374-8265.10750#.Xqowp4U3Ejl.email=0A=0A---

Quinto Año:

DERMATOLOGÍA:

- LearnDerm (aprox. 1 hora 30 mins)
<https://www.visualdx.com/learnderm/>
- Basic Dermatology Curriculum by AAD
<https://icollaborative.aamc.org/resource/5020/>
- Drs. Gideon P. Smith and Adam Friedman: Picking on Pruritus as a Problematic

Clinical Biomarker in Autoimmune Connective Tissue Diseases:

<https://jddonline.com/picking-on-pruritus-as-a-problematic-clinical-biomarker-in-a-utoimmune-connective-tissue-diseases>

- Drs. Lawrence Eichenfield and Adam Friedman: Choosing Wisely: Capitalizing on Atopic Dermatitis Clinical Trial Data for Meaningful Selection of Topical Agents
<https://jddonline.com/choosing-wisely-capitalizing-on-atopic-dermatitis-clinical-trial-data-for-meaningful-selection-of-topical-agents>
- Dr. Shari Lipner and Dr. Adam Friedman: Nailing Down Internet Based Information on Onychomycosis
<https://jddonline.com/nailing-down-internet-based-information-on-onychomycosis>
- Dr. David Rosmarin and Dr. Adam Friedman: To Treat or Not To Treat: Systemic Therapy Considerations for Psoriasis in the Setting of Malignancy
<https://jddonline.com/to-treat-or-not-to-treat-systemic-therapy-considerations-for-psoriasis-in-the-setting-of-malignancy>

ANESTESIOLOGÍA:

- Mechanical Ventilation for COVID-19: Harvard Edx Course:
<https://icollaborative.aamc.org/resource/5067/>
- COVID-19 PPE and Airway Management Simulation Training:
<https://icollaborative.aamc.org/resource/5029/>
- Effective Pain Management (CME)
<https://www.medscape.org/viewarticle/915924>
- Medications for Rapid Sequence Intubation
<https://www.openpediatrics.org/assets/video/medications-rapid-sequence-intubation>
- Problem-Based Learning Discussions for Teaching Fundamentals of Anesthesia
<https://icollaborative.aamc.org/resource/5081/>

OTORRINOLARINGOLOGÍA

- Cabeza y cuello
https://www.mededportal.org/search/?utm_source=sfmc&utm_medium=email&utm_campaign=mededportal&utm_content=newsletter&q=Head%20and%20Neck%20%20Examination&page=1
- Neoplasias de cabeza y cuello
https://www.mededportal.org/search/?utm_source=sfmc&utm_medium=email&utm_campaign=mededportal&utm_content=newsletter&q=Head%20and%20Neck%20Neoplasms&page=1
- HPV-Associated Oral and Throat Cancer: What You Need to Know (Coursera):
<https://www.coursera.org/learn/hpv-oral-throat-cancer>

PSIQUIATRÍA

- Psychosocial Dimensions of Infectious Outbreaks:
<https://icollaborative.aamc.org/resource/5066/>
- Psychiatry SP Post-Encounter Assessment:
<https://icollaborative.aamc.org/resource/5036/>
- How Do You Recognize, Diagnose, and Treat BED? Early Diagnosis and Treatment to Improve Outcomes.
<https://www.medscape.org/viewarticle/926151R>
- Binge Drinking in the Elderly: What You Need To Know.
<https://www.medscape.org/viewarticle/917620>

- Do Opioid Agonists Reduce Overdose Risk in Addiction?
<https://www.medscape.org/viewarticle/928582>
- Can Yoga Decrease Depression?
<https://www.medscape.org/viewarticle/928581>
- Suicidal Thoughts in Children on the Rise?
<https://www.medscape.org/viewarticle/929894>
- Updates in the Timely Recognition and Treatment of Binge Eating Disorder
<https://www.medscape.org/viewarticle/922495>
- Does Healthy Eating Make Happier Youths?
<https://www.medscape.org/viewarticle/921493>
- Three Steps for Effective Diagnosis of Postpartum Depression
<https://www.medscape.org/viewarticle/920893>
- Depression in Young Girls: Are Oral Contraceptives to Blame?
<https://www.medscape.org/viewarticle/921076>

OFTALMOLOGÍA:

- https://www.mededportal.org/search/?utm_source=sfmc&utm_medium=email&utm_campaign=mededportal&utm_content=newsletter&q=Ophthalmology

HERRERA/ESPERANZA

a) Medicina Interna:

EKG, rayos X y USG

<https://www.teachingmedicine.com>

b) Radiología:

- Online Diagnostic Radiology Elective
<https://icollaborative.aamc.org/resource/5035/>

- ACP point-of-care ultrasound (POCUS) learning modules(<https://acpinternist.org/weekly/archives/2019/10/08/6.htm>): Obtaining Adequate Clinical Images for Interpretation, Lung Ultrasound, Deep Venous Thrombosis, Urinary System, Abdominal Free Fluid, Focused Cardiac Imaging Para acceder, necesita cuenta de la ACP, que es gratis para estudiantes de medicina.
- Radiological Anatomy for Non Radiologists. Hema V. Chandrasekhar, M.D and A.J. Chandrasekhar, M.D Loyola University Chicago. Health Sciences Division http://www.meddean.luc.edu/lumen/MedEd/Radio/curriculum/Structure/Les2_f.htm

c) Hemato-oncología

<https://onlinemeded.org/spa/hematology-oncology>

MEDICINA AMBULATORIA:

Family medicine education modules:

<https://icollaborative.aamc.org/resource/5031/>

ADVANCED TOPICS IN INTERNAL MEDICINE: An Online Internal Medicine Elective:

<https://icollaborative.aamc.org/resource/5033/>

a) Tamizaje de cáncer de colon

Podcast:

- Samadder J. Pros and Cons of CRC Screening for Adults Aged 45-49 Years. *AJG Author Podcasts*. <https://gi.org/journals-publications/podcasts/>. Published December 2018. (32:23 mins)

Artículos:

- American Cancer Society updates its colorectal cancer screening guideline: New recommendation is to start screening at age 45 years. *Cancer*. 2018;124(18):3631-3632.
- Imperiale TF, Gruber RN, Stump TE, Emmett TW, Monahan PO. Performance Characteristics of Fecal Immunochemical Tests for Colorectal Cancer and Advanced Adenomatous Polyps: A Systematic Review and Meta-analysis. *Ann Intern Med*. 2019;170(5):319-329.
- Anderson JC, Samadder JN. To Screen or Not to Screen Adults 45-49 Years of Age: That is the Question. *Am J Gastroenterol*. 2018;113(12):1750-1753.

- Siegel RL, Fedewa SA, Anderson WF, et al. Colorectal Cancer Incidence Patterns in the United States, 1974-2013. *J Natl Cancer Inst.* 2017;109(8). doi:10.1093/jnci/djw322.

b)Esteatosis hepática no alcohólica

Podcast:

- Askin C. #100: Cirrhosis: Initial Evaluation and Management. *The Curbsiders*. <https://thecurbsiders.com/medical-education/100-cirrhosis>. Published June 18, 2018.
- The GP Show: #28 Non-Alcoholic Fatty Liver Disease (NAFLD) with Dr Jon Mitchell Hepatologist.(48:11 minutos)
- <http://thegpshow.libsyn.com/non-alcoholic-fatty-liver-disease-nafld-with-dr-jon-mitchell-hepatologist>. Published February 14, 2018. (26 minutos)

Artículos:

- Sheka AC, Adeyi O, Thompson J, Hameed B, Crawford PA, Ikramuddin S. Nonalcoholic Steatohepatitis: A Review. *JAMA.* 2020;323(12):1175-1183.
- Chalasani N, Younossi Z, Lavine JE, et al. The diagnosis and management of nonalcoholic fatty liver disease: Practice guidance from the American Association for the Study of Liver Diseases. *Hepatology.* 2018;67(1):328-357.
- Leoni S, Tovoli F, Napoli L, Serio I, Ferri S, Bolondi L. Current guidelines for the management of non-alcoholic fatty liver disease: A systematic review with comparative analysis. *World J Gastroenterol.* 2018;24(30):3361-3373.
- European Association for the Study of the Liver (EASL), European Association for the Study of Diabetes (EASD), and European Association for the Study of Obesity (EASO). EASL–EASD–EASO Clinical Practice Guidelines for the management of non-alcoholic fatty liver disease. *Journal of Hepatology.* 2016;64:1388-1402.

EXTERNADO/INTERNADO (Cuarto y Sexto año)

Variados:

- CaseX - The Digital Clerkship (CaseX is an online, case-based learning platform that walks medical students through patient encounters across different specialties including internal medicine, obstetrics/ gynecology (OB/GYN), pediatrics, surgery, and neuropsychiatry.)
<https://icollaborative.aamc.org/resource/5042/>

- A Clinical Procedures Course for Medical Students
https://www.mededportal.org/doi/full/10.15766/mep_2374-8265.10524#.XqopmM0F--4.email=0A=0A---
- An Online Module to Understand Body Fluid Status in Clinical Cases
https://www.mededportal.org/doi/10.15766/mep_2374-8265.10719#.XqopNnY563M.email
- The Human Diagnosis Project - Human Dx: Using the Human Dx system, medical professionals and trainees can collaborate on any case, question, or other medical topic. As they do, the system encodes their thought processes and decisions into structured clinical data to map the steps to help any patient. Today, thousands of medical professionals and trainees from over 80 countries and 500 medical institutions are involved in building the Project, which is already impacting both medical training and clinical decision-making.
<https://www.humandx.org/product>
- OnlineMedEd Videos (<https://onlinemeded.org/>): OnlineMedEd is a comprehensive clinical learning platform for medical students and health professionals around the world. Videos incluyen: medicina interna, psiquiatría, pediatría cirugía, ginecología-obstetricia, bioestadística y cuidados intensivos.
 - Notas:
<https://www.dropbox.com/sh/gn7ioayoq5f74we/AAAsQcoul-EZICpEMrHRs vGga?dl=0>
 - Audios:
https://www.dropbox.com/sh/6q9e6ukrsnf7q04/AABKTb_JzHml5cIW2PXY jDVBa?dl=0
- Resident 360 NEJM Rotation Prep (<https://resident360.nejm.org/>): Rotation Prep contains various crash courses in different areas of pediatrics and internal medicine. Each rotation (for example, cardiology or women's health) includes an introduction, helpful literature reviews of different topics, guidelines, and more. Some sections include videos and case presentations. Each rotation includes a quiz to help you retain the information you learn.
 - Nuevos módulos: Interactive learning resources: incluye medical cases y learning elements.

- Interactive Medical Cases are based on a real patient's experience of illness and follow that patient from presentation through outcome. Through peer-reviewed commentary, learners receive immediate feedback on their choices and use online video and interactive materials to reinforce the learning themes and learning objectives.
- Interactive learning elements: short multimedia resources that cover a specific topic (such as eosinophilia, serologic testing for hepatitis B, or acid-base disorders) in an engaging interactive format.
 - Ingresar con cuenta de Google. [Acceso gratis en Guatemala.](#)
 - Incluye Medicina Interna y Pediatría.

GINECOLOGÍA Y OBSTETRICIA:

- Council on Resident Education in Obstetrics and Gynecology (CREOG) Post-match Curriculum
<https://icollaborative.aamc.org/resource/5047/#.Xp5czqTH6jE.email>
- Virtual OB/GYN Clerkship Curriculum: Non-clinical Component of OB/GYN for Third Year Medical Students in Response to COVID-19 Pandemic
<https://icollaborative.aamc.org/resource/5090/>
- Association of Professor of Gynecology and Obstetrics (APGO) Virtual Learning Resources
<https://icollaborative.aamc.org/resource/5080/>

MEDICINA INTERNA:

- ADVANCED TOPICS IN INTERNAL MEDICINE: An Online Internal Medicine Elective:
<https://icollaborative.aamc.org/resource/5033/>
- An Asynchronous "Flexible" Elective for Emergency Medicine-Bound Senior Medical Students
<https://icollaborative.aamc.org/resource/5021/>

- Critical Care for the Non-ICU Clinician
<https://icollaborative.aamc.org/resource/5019/>
- Core Curriculum in Infectious Diseases
<https://icollaborative.aamc.org/resource/5004/>
- Clinical Problem Solvers Morning report: Discusión de caso de Medicina Interna, enfocado en el razonamiento clínico, de 1 hora de duración. Se puede participar en vivo a través de zoom o ver los videos de las reuniones de zoom anteriores.
<https://clinicalproblemsolving.com/learn-live/>

PEDIATRÍA:

- Cursos OpenPediatrics
<https://www.openpediatrics.org/learning/topic>
- PediatricEducation.org - Pediatric Digital Library
<https://icollaborative.aamc.org/resource/5065/>
- University of Calgary Paediatric Portal
<https://icollaborative.aamc.org/resource/5068/>
- ACMT Environmental Medicine Modules: Module 3-Pediatric Asthma
<https://icollaborative.aamc.org/resource/8010/>
- ACMT Environmental Medicine Modules: Module 4-Endocrine Disrupters
<https://icollaborative.aamc.org/resource/8011/>
- Internal Jugular Central Line Placement: Pediatric Patient
https://www.mededportal.org/doi/full/10.15766/mep_2374-8265.8407#.XqoqTQ5nqMI.email
- Orientation to Emergency Pediatric Procedures
https://www.mededportal.org/doi/full/10.15766/mep_2374-8265.9852#.Xqopyw0Hr5g.email

CIRUGÍA:

1. Lavado de Manos:

- Anatomical Surgical Hand Scrub (John Hopkins Medicine)
<https://www.youtube.com/watch?v=WpZqLbWL0c0>
- Scrub Technique (LSU Health Shreveport)
<https://www.youtube.com/watch?v=TUwCVvGnk-U>

2. Comportamiento en Sala de Operaciones:

- Sterile gowning and gloving
<https://www.youtube.com/watch?v=nltDnAgZqZY>
- General Minor Instrument Tray
https://www.youtube.com/watch?v=RGa4YsCUg_E

3. Curaciones:

- 7 Steps to Effective Wound Care Management (Cardinal Health)
<https://www.youtube.com/watch?v=bSQbgjy3KB0>
- Wound Management Home Skills Program: Dressings and Bandaging
<https://www.youtube.com/watch?v=Nzc1YSnSRpE>
- Wound Management Home Skills Program: Wound Cleaning (American College of Surgeons)
https://www.youtube.com/watch?v=K5fXx-1n_x4
- Curación de herida (Universidad del Valparaíso)
<https://www.youtube.com/watch?v=hPuATh06caU>

4. Suturas:

- Common Sutures in Surgery

<https://www.youtube.com/watch?v=CHMO-fUi8Js>

Suture techniques course video

<https://www.youtube.com/watch?v=Akyr4zIBS9E>

5. Infección de herida quirúrgica

- Surgical Site Infection: Pathogenesis and Prevention
<https://www.medscape.org/viewarticle/448981>
- CDC Updates Surgical Site Infection Guidelines
<https://www.medscape.org/viewarticle/880279>

(estos cursos ya no dan CME, dice que expiraron pero el contenido es bueno por si sirve aun)

- Artículo: Strategies to Prevent Surgical Site Infections in Acute Care Hospitals: 2014 Update
https://www.jstor.org/stable/10.1086/676022#metadata_info_tab_contents

6. Tromboprofilaxis

- Venous Thromboembolism (VTE) Prophylaxis in Hospitalized Medical Patients for Third-Year Medical Students
https://www.mededportal.org/doi/full/10.15766/mep_2374-8265.9219#.Xqow_Zb_SJs.email
- Artículo: European guidelines on perioperative venous thromboembolism prophylaxis: Day surgery and fast-track surgery
https://journals.lww.com/ejanaesthesiology/Fulltext/2018/02000/European_guidelines_on_perioperative_venous.11.aspx
- Artículo: American College of Surgeons' Guidelines for the Perioperative Management of Antithrombotic Medication

<https://www.anesthesiallc.com/images/eAlertsSource/American-College-of-Surgeons-Guidelines-02-25-19.pdf>

7. Procedimientos:

- Liver Biopsy Crash Course

https://www.mededportal.org/doi/full/10.15766/mep_2374-8265.10318#.Xqoy8DqET6A.email=0A=0A---

- Massive Upper Gastrointestinal Bleeding With Gastroesophageal Balloon Tamponade

https://www.mededportal.org/doi/full/10.15766/mep_2374-8265.10177#.Xqoxy1CmO3w.email=0A=0A---

- A Cognitive-Task-Analysis Informed Central Venous Catheter Placement Curriculum

https://www.mededportal.org/doi/full/10.15766/mep_2374-8265.9135#.Xqoqmj29mcQ.email

- Percutaneous Suprapubic Tube Catheter Placement

https://www.mededportal.org/doi/full/10.15766/mep_2374-8265.8000#.XqoqGGHZeCQ.email

8. Otros

- American College of Surgeons Fundamentals of Surgery Curriculum

https://icollaborative.aamc.org/resource/5062/#.Xqo_k7kEKBk.email

- Medical Solitaire: A Flash-Based Game Facilitating Study and Review of Lecture Content. “Cysts and Tumors of the Liver”

https://www.mededportal.org/doi/full/10.15766/mep_2374-8265.7899#.XqowZXfBYxo.email

- Chlorhexidine Bathing Treatments: A Toolkit to Guide Implementation
<https://icollaborative.aamc.org/resource/8086/>
- A Multimedia Dissection Module for Scalp, Meninges, and Dural Partitions
https://www.mededportal.org/doi/10.15766/mep_2374-8265.10695
- Abdominal Anatomy Tutorial Using a Medical Imaging Platform
https://www.mededportal.org/doi/10.15766/mep_2374-8265.10748
- Pelvis Anatomy Tutorial Using Radiological Images
https://www.mededportal.org/doi/10.15766/mep_2374-8265.10778
- Teaching Spinal Cord Neuroanatomy through Drawing: An Interactive, Step-Wise Module
https://www.mededportal.org/doi/10.15766/mep_2374-8265.10592
- Surgery: General
<https://onlinemeded.org/spa/surgery-general>
- Surgery: Subspecialty
<https://onlinemeded.org/spa/surgery-subspecialty>
- Surgery: Trauma
<https://onlinemeded.org/spa/surgery-trauma>