UNMC Online Learning Modules

REFERENCE FOR BLOCK DESIGN LEADERS AND TEAM MEMBERS
# Available E-Modules for Medical Curriculum

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- Paracentesis e-Module

#### M-ID 511 - Endocrine
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- The Sugar-Coated Truth of Diabetes

#### M-ID 512 - GU/GYN/Reproductive
- Over-the-Counter Products for Urinary Incontinence

#### Synthesis Blocks

#### Infectious Disease
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- Antiretroviral Treatment for HIV Infection 1
- Defeating Antibiotic Resistance: Mastering Drugs & Bugs
- Endodontic Immunology: An Introduction of Classic to Current Evidence of Endotoxins
- New Zika
- Prevention of Communicable Diseases
- RESPECT Clinic: A “Crash Course” in STDs
- Diagnosis of an HIV Infection
- The Clinical Approach to Malaria
- Yellow Fever Virus

#### Geriatrics
- Antibiotic Resistance in Transitional Care
- Symptom Management at the End of Life

#### Hematology/Oncology
- Diagnosis of Renal Neoplasms
- Beating Cancer for Biology of Disease

#### Pediatrics
- Clinic Management of an Infant in Respiratory Distress

#### Rheumatology/Immunology
- Gout Racer
- Linked Recognition: Linking the Theory with Reality

#### Acute Care
- A Clean Getaway: Scrub Technique and Operating Room Etiquette
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*Diagnosis of Renal Neoplasms*
In this e-module, 10 cases were designed to illustrate 10 different renal neoplasms.
https://www.unmc.edu/elearning/egallery/diagnosis-of-renal-neoplasms/

**Effects of Acid-Base Status on Drugs Distribution**
The goal of this e-learning module is to provide students with a resource that combines multiple learning modalities into one succinct introduction into acid-base pharmacokinetics.
https://www.unmc.edu/elearning/egallery/effects-of-acid-base-status-on-drugs-distribution/

**Introduction to Vital Signs**
This module was developed in partnership with students at the University of Gitwe to provide an introduction to vital signs.
https://www.unmc.edu/elearning/egallery/introduction-to-vital-signs/

**Rapid On-Site Evaluation (ROSE) of FNA Specimens in Cytology**
The e-learning module is focused on teaching future health professionals involved in fine needle aspiration (FNA) the process of rapid on-site needle aspiration (ROSE).
https://www.unmc.edu/elearning/egallery/rapid-on-site-evaluation-rose-of-fna-specimens-in-cytology/

**Telecytology**
The goal of this module is to improve the health professional students’ understanding of the role of telecytology in cytopathology practice to be able to clinically integrate and actively participate in the clinical management of telecytology.
https://www.unmc.edu/elearning/egallery/telecytology/

**The Glycolysis Module**
Glycolysis is a foundational concept in metabolism and biochemistry. The module emphasizes the key points of energy production, fates of products of glycolysis, and the regulation of glycolysis.
https://www.unmc.edu/elearning/egallery/the-glycolysis-module/

**M-ID 503 – Defenses and Invaders**
*Antibiotic Resistance in Transitional Care*
The module has been designed to help the learner apply the principles of evidence-based antibiotic management in transitional care.
https://www.unmc.edu/elearning/egallery/antibiotic-resistance-in-transitional-care/

**Antiretroviral Treatment for HIV Infection 1**
This module will help learners identify the goals of antiretroviral therapy and understand the recommendations to start antiretroviral therapy in treatment-naive patients.
https://www.unmc.edu/elearning/egallery/antiretroviral-treatment-for-hiv-infection/
Available E-Modules for Medical Curriculum

Beating Cancer for Biology of Disease
This interactive e-module is designed to supplement neoplasia-related content as taught in the Biology of Disease (BOD) course.
https://www.unmc.edu/elearning/egallery/beating-cancer-for-biology-of-disease/

Defeating Antibiotic Resistance: Mastering Drugs & Bugs
This interactive module utilizes engaging repetition of antibiotic names and links to their use in treatments; including engaging activities to match drugs and side effects.
https://www.unmc.edu/elearning/egallery/defeating-antibiotic-resistance-mastering-drugs-bugs/

Diagnosis of an HIV Infection
This module will help learners recognize which patients should be tested for HIV and how often. Participants will also learn how to correctly utilize and interpret the various diagnostic assays available for HIV testing.
https://www.unmc.edu/elearning/egallery/diagnosis-of-an-hiv-infection/

Endodontic Immunology: An Introduction of Classic to Current Evidence of Endotoxins
This project helps learners understand the basic knowledge of endodontic disease and put it in a clinical scenario.

Gout Racer
This module is an interactive gout game to teach and evaluate knowledge of the disease process and management.
https://www.unmc.edu/elearning/egallery/gout-racer/

Linked Recognition: Linking the Theory with Reality
This module provides a concise and logical format of linked recognition theory of immunology including: immunological response to a foreign invader, how parts of the system work together, and secondary response.

New Zika
This module focuses on the history, manifestation, and treatment of the Zika virus.

Over-the-Counter Products for Cough & Cold: Antihistamines
An overview of over-the-counter antihistamines.
https://www.unmc.edu/elearning/egallery/over-the-counter-products-for-cough-cold-antihistamines/

Prevention of Communicable Diseases
This module was developed in partnership with University of Gitwe to provide an overview on prevention of communicable diseases.
https://www.unmc.edu/elearning/egallery/prevention-of-communicable-diseases/
Available E-Modules for Medical Curriculum

RESPECT Clinic: A “Crash Course” in STDs
This module serves as a “crash course” in STDs. The goal of this e-module is to close the curricular “gap,” thereby enabling students to feel more empowered to provide quality care to patients in need.
https://www.unmc.edu/elearning/egallery/respect-clinic-a-crash-course-in-stds/

The Clinical Approach to Malaria
This module was developed by UNMC and students at the University of Gitwe to provide an overview on the biology, symptoms, diagnostics and treatment of malaria.
https://www.unmc.edu/elearning/egallery/the-clinical-approach-to-malaria/

Yellow Fever Virus
This module was developed in partnership with the University of Gitwe to provide an overview of Yellow Fever Virus.
https://www.unmc.edu/elearning/egallery/yellow-fever-virus/

M-ID 502 – Blood
Hemostasis Learning Center
In this collection of videos, you will be able to learn and review basic concepts of hemostasis and common coagulation problems.
https://www.unmc.edu/elearning/egallery/hemostasis-learning-center/

M-ID 504 – Musculoskeletal and Integument
Cervical Spine Range of Motion: Simulation Experience
The module is a ROM simulation experience where the user measures cervical spine range of motion for six different patients and receives feedback about the accuracy of each measurement documented.
https://www.unmc.edu/elearning/egallery/cervical-spine-range-of-motion-simulation-experience/

Interactive Approach to Learning Musculoskeletal Imaging
This module provides an organized, streamlined overview of the major musculoskeletal joints. This module helps bridge the gap between learned textbook knowledge of anatomy and its radiographic correlate.
https://www.unmc.edu/elearning/egallery/interactive-approach-to-learning-musculoskeletal-imaging/

Range of Motion Examination of the Cervical Spine
This is a highly interactive module about ROM of the cervical spine.
https://www.unmc.edu/elearning/egallery/range-of-motion-cervical-spine/

Range of Motion Examination of the Elbow, Wrist & Hand
This interactive e-learning module details the examination procedure of Range of Motion (ROM) of the elbow, wrist and hand.
https://www.unmc.edu/elearning/egallery/range-of-motion-elbow-wrist-hand/
Available E-Modules for Medical Curriculum

Range of Motion Examination of the Hip
This interactive e-learning module details the examination procedure of Range of Motion (ROM) of the hip.
https://www.unmc.edu/elearning/egallery/range-of-motion-hip/

Range of Motion Examination of the Knee & Ankle
This interactive e-learning module details the examination procedure of Range of Motion (ROM) of the knee and ankle.
https://www.unmc.edu/elearning/egallery/range-of-motion-knee-ankle/

Range of Motion Examination of the Shoulder
This interactive e-learning module details the examination procedure of Range of Motion (ROM) of the shoulder.
https://www.unmc.edu/elearning/egallery/range-of-motion-shoulder/

Range of Motion Examination of the Thoracolumbar Spine
This interactive e-learning module details the examination procedure of Range of Motion (ROM) of the thoracolumbar spine.
https://www.unmc.edu/elearning/egallery/range-of-motion-thoracolumbar-spine/

M-ID 505 - Circulatory
ABCs of Chest X-Ray for Health Professionals
This module will teach students a systematic approach to reviewing a chest x-ray through and ABC’s mnemonic.
https://www.unmc.edu/elearning/egallery/abcs-of-chest-x-ray-for-health-professionals/

Abdominal Aortic Aneurysm
This module utilizes video and animation media files from the Anatomage table to help students identify aortic anatomy.
https://www.unmc.edu/elearning/egallery/abdominal-aortic-aneurysm/

Cardiac Function as Described by the Pressure-Volume Loop
This module introduces the concept of the pressure-volume loop along with some basic pathology and how it is manifested in the loop.
https://www.unmc.edu/elearning/egallery/cardiac-function-as-described-by-the-pressure-volume-loop/

Cardiac Supply and Demand
This module serves as a preview or review of cardiac oxygen supply and demand fundamentals.
https://www.unmc.edu/elearning/egallery/cardiac-supply-and-demand/
Available E-Modules for Medical Curriculum

Clinical Management of Common Medical Problems: Treating Diabetes, Dyslipidemia, and Hypertension
This module provides detailed information on the three most common diseases encountered in the SHARING Clinic: diabetes, dyslipidemia, and hypertension. It details background knowledge of the pathogenesis and treatment to more effectively help patients and efficiently utilize clinic time.


EKGs: An Introduction to Normal
The goal of this module is to comprehensively teach EKG interpretation in a systematic manner and to prepare learners with a solid foundation from which they can build their knowledge.

https://www.unmc.edu/elearning/egallery/ekgs-an-introduction-to-normal/

EKGs: Basics of Rate & Rhythm
This module is a Khan Academy style course on EKGs to prepare M1 and M2 students for standardized exams using live motion animation and actual EKG images.

https://www.unmc.edu/elearning/egallery/ekgs-basics-of-rate-and-rhythm/

M-ID 506 - Respiratory
ABCs of Chest X-Ray for Health Professionals
This module will teach students a systematic approach to reviewing a chest x-ray through and ABC’s mnemonic.

https://www.unmc.edu/elearning/egallery/abcs-of-chest-x-ray-for-health-professionals/

Clinic Management of an Infant in Respiratory Distress
This e-module will allow students the opportunity to use critical thinking related to the management of an infant in respiratory distress.


Effects of Acid-Base Status on Drugs Distribution
The goal of this e-learning module is to provide students with a resource that combines multiple learning modalities into one succinct introduction into acid-base pharmacokinetics.

https://www.unmc.edu/elearning/egallery/effects-of-acid-base-status-on-drugs-distribution/

eUrgent Dental Care Module
In this module, students will learn to use a systematic approach utilizing the SOAP (subjective, objective, assessment, and plan) technique when evaluating a patient. The e-module also helps streamline the diagnostic process, making sure all steps are completed before a diagnosis is decided and treatment performed.

https://www.unmc.edu/elearning/egallery/eurgent-dental-care-module/

Good Vibrations: Interpretation of Fremitus and Percussion in a Chest Examination
This module details the interpretation of fremitus and percussion in a chest examination. The module illustrates commonly known-examples of physics principles to better understand how waves travel through mediums of different densities.

Open Wide: Extra/Intraoral Dental Screening Examination
This project emphasizes the structure and order of a soft tissue examination. It encourages dental and dental hygiene students to reflect on previous material prior to their clinical experiences. It serves as a review of selected didactic and preclinical courses and their clinical application.
https://www.unmc.edu/elearning/egallery/open-wide-extraintraoral-dental-screening-examination/

Over-the-Counter Products for Cough & Cold: Antihistamines
An overview of over-the-counter antihistamines.
https://www.unmc.edu/elearning/egallery/over-the-counter-products-for-cough-cold-antihistamines/

M-ID 507 - Renal
Clinical Management of Common Medical Problems: Treating Diabetes, Dyslipidemia, and Hypertension
This module provides detailed information on the three most common diseases encountered in the SHARING Clinic: diabetes, dyslipidemia, and hypertension. It details background knowledge of the pathogenesis and treatment to more effectively help patients and efficiently utilize clinic time.

Effects of Acid-Base Status on Drugs Distribution
The goal of this e-learning module is to provide students with a resource that combines multiple learning modalities into one succinct introduction into acid-base pharmacokinetics.
https://www.unmc.edu/elearning/egallery/effects-of-acid-base-status-on-drugs-distribution/

Over-the-Counter Products for Urinary Incontinence
An overview of over-the-counter products for urinary incontinence.
https://www.unmc.edu/elearning/egallery/over-the-counter-products-for-urinary-incontinence/

M-ID 508 - Neurosciences
Drugs of the Autonomic Nervous System: Acetylcholinesterase Agents
The module provides as overview of cholinesterase inhibition, including therapeutic uses and contraindications.
https://www.unmc.edu/elearning/egallery/drugs-of-the-autonomic-nervous-system-acetylcholinesterase-agents/

Drugs of the Autonomic Nervous System: Adrenergic Agents
This module describes the pharmacological effects of adrenergic agonists and antagonists
https://www.unmc.edu/elearning/egallery/drugs-of-the-autonomic-nervous-system-adrenergic-agents/
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Drugs of the Autonomic Nervous System: Cholinergic Agonists & Antagonists
This module explains the therapeutic uses of muscarinic agonists.
https://www.unmc.edu/elearning/egallery/drugs-of-the-autonomic-nervous-system-cholinergic-agonists-antagonists/

Drugs of the Autonomic Nervous System: Practice Questions
This module is a 56 question quiz testing learners knowledge of pharmacology of the autonomic nervous system.
https://www.unmc.edu/elearning/egallery/drugs-of-the-autonomic-nervous-system-practice-questions/

Drugs of the Autonomic Nervous System: Presynaptic Drugs
This module will describe the synthesis, storage, release, termination and metabolism of cholinergic and adrenergic neurotransmitters.
https://www.unmc.edu/elearning/egallery/drugs-of-the-autonomic-nervous-system-presynaptic-drugs/

Drugs of the Autonomic Nervous System: Sympathetic & Parasympathetic Nervous Systems
This module will describe the synthesis, storage, release, termination and metabolism of cholinergic and adrenergic neurotransmitters.
https://www.unmc.edu/elearning/egallery/drugs-of-the-autonomic-nervous-system-presynaptic-drugs/

Lumbar Puncture e-Module
This module provides an overview of lumbar puncture indications, contraindications, and risks.
https://www.unmc.edu/elearning/egallery/lumbar-puncture-e-module/

Mastering the Brachial Plexus
This module serves as a study aid and quizzing mechanism to help increase student confidence with the material throughout their anatomy course and how to approach nerve lesion questions.
https://www.unmc.edu/elearning/egallery/mastering-the-brachial-plexus/

Pathophysiology of Headache
The purpose of this module is to enable students to understand important basic concepts about headache. The module is divided into three parts which include: the anatomy of pain pathways, classification of headache, and the pathophysiology of migraine.
https://www.unmc.edu/elearning/egallery/pathophysiology-of-headache/

Over-the-Counter Products for Insomnia
An overview of over-the-counter and self-care products for insomnia.
https://www.unmc.edu/elearning/egallery/over-the-counter-products-for-insomnia/

Am I the Only One? A Module on Student Mental Health
This project aims to educate participants on recognizing the signs and symptoms of anxiety, depression, and burnout in students and trainees. It will also provide a list of campus and community resources to help students support themselves and each other while dealing with mental health challenges.
https://www.unmc.edu/elearning/egallery/am-i-the-only-one-a-module-on-student-mental-health/
Available E-Modules for Medical Curriculum

Introduction to Psychiatry
The focus of this module is educating M3 students entering the psychiatry clerkship on knowledge required to succeed in psychiatry, namely interviewing techniques and some basic knowledge regarding presentations and medications.
https://www.unmc.edu/elearning/egallery/introduction-to-psychiatry/

M-ID 510 – Gastrointestinal
Hepatic Vascular Anatomy with Pathologic and Clinical Correlation
This module describes the anatomy, pathology, and treatment options for hepatic vascular anatomy.

Paracentesis e-Module
This module provides an overview of paracentesis.
https://www.unmc.edu/elearning/egallery/paracentesis-e-module/

M-ID 511 - Endocrine
Clinical Management of Common Medical Problems: Treating Diabetes, Dyslipidemia, and Hypertension
This module provides detailed information on the three most common diseases encountered in the SHARING Clinic: diabetes, dyslipidemia, and hypertension. It details background knowledge of the pathogenesis and treatment to more effectively help patients and efficiently utilize clinic time.

The Sugar-Coated Truth of Diabetes
The goal of this module is to educate students on the basic aspects of diabetes, including the difference between type one and type two diabetes, causes and complications, and the systematic effects of diabetes.
https://www.unmc.edu/elearning/egallery/the-sugar-coated-truth-of-diabetes/

M-ID 512 - GU/GYN/Reproductive
Over-the-Counter Products for Urinary Incontinence
An overview of over-the-counter products for urinary incontinence.
https://www.unmc.edu/elearning/egallery/over-the-counter-products-for-urinary-incontinence/
Available E-Modules for Medical Curriculum

Synthesis Blocks

**Infectious Disease**

**Antibiotic Resistance in Transitional Care**
The module has been designed to help the learner apply the principles of evidence-based antibiotic management in transitional care.

**Antiretroviral Treatment for HIV Infection 1**
This module will help learners identify the goals of antiretroviral therapy and understand the recommendations to start antiretroviral therapy in treatment-naive patients.
[https://www.unmc.edu/elearning/egallery/antiretroviral-treatment-for-hiv-infection/](https://www.unmc.edu/elearning/egallery/antiretroviral-treatment-for-hiv-infection/)

**Defeating Antibiotic Resistance: Mastering Drugs & Bugs**
This interactive module utilizes engaging repetition of antibiotic names and links to their use in treatments; including engaging activities to match drugs and side effects.
[https://www.unmc.edu/elearning/egallery/defeating-antibiotic-resistance-mastering-drugs-bugs/](https://www.unmc.edu/elearning/egallery/defeating-antibiotic-resistance-mastering-drugs-bugs/)

**Endodontic Immunology: An Introduction of Classic to Current Evidence of Endotoxins**
This project helps learners understand the basic knowledge of endodontic disease and put it in a clinical scenario.

**New Zika**
This module focuses on the history, manifestation, and treatment of the Zika virus.
[https://www.unmc.edu/elearning/egallery/new-zika/](https://www.unmc.edu/elearning/egallery/new-zika/)

**Prevention of Communicable Diseases**
This module was developed in partnership with University of Gitwe to provide an overview on prevention of communicable diseases.
[https://www.unmc.edu/elearning/egallery/prevention-of-communicable-diseases/](https://www.unmc.edu/elearning/egallery/prevention-of-communicable-diseases/)

**RESPECT Clinic: A “Crash Course” in STDs**
This module serves as a “crash course” in STDs. The goal of this e-module is to close the curricular “gap,” thereby enabling students to feel more empowered to provide quality care to patients in need.

**Diagnosis of an HIV Infection**
This module will help learners recognize which patients should be tested for HIV and how often. Participants will also learn how to correctly utilize and interpret the various diagnostic assays available for HIV testing.
[https://www.unmc.edu/elearning/egallery/diagnosis-of-an-hiv-infection/](https://www.unmc.edu/elearning/egallery/diagnosis-of-an-hiv-infection/)
Available E-Modules for Medical Curriculum

The Clinical Approach to Malaria
This module was developed by UNMC and students at the University of Gitwe to provide an overview on the biology, symptoms, diagnostics and treatment of malaria.
https://www.unmc.edu/elearning/egallery/the-clinical-approach-to-malaria/

Yellow Fever Virus
This module was developed in partnership with the University of Gitwe to provide an overview of Yellow Fever Virus.
https://www.unmc.edu/elearning/egallery/yellow-fever-virus/

Geriatrics
Antibiotic Resistance in Transitional Care
The module has been designed to help the learner apply the principles of evidence-based antibiotic management in transitional care.
https://www.unmc.edu/elearning/egallery/antibiotic-resistance-in-transitional-care/

Symptom Management at the End of Life
This module will educate health care practitioners about the recognition, assessment, and management of symptoms associated with end-of-life care through an interactive case-based scenario
https://www.unmc.edu/elearning/egallery/symptom-management-at-the-end-of-life/

Hematology/Oncology
Diagnosis of Renal Neoplasms
In this e-module, 10 cases were designed to illustrate 10 different renal neoplasms.
https://www.unmc.edu/elearning/egallery/diagnosis-of-renal-neoplasms/

Beating Cancer for Biology of Disease
This interactive e-module is designed to supplement neoplasia-related content as taught in the Biology of Disease (BOD) course.
https://www.unmc.edu/elearning/egallery/beating-cancer-for-biology-of-disease/

Pediatrics
Clinic Management of an Infant in Respiratory Distress
This e-module will allow students the opportunity to use critical thinking related to the management of an infant in respiratory distress.

Rheumatology/Immunology
Gout Racer
This module is an interactive gout game to teach and evaluate knowledge of the disease process and management.
https://www.unmc.edu/elearning/egallery/gout-racer/
Available E-Modules for Medical Curriculum

**Linked Recognition: Linking the Theory with Reality**
This module provides a concise and logical format of linked recognition theory of immunology including: immunological response to a foreign invader, how parts of the system work together, and secondary response.  

**Acute Care**

**A Clean Getaway: Scrub Technique and Operating Room Etiquette**
The module helps to prepare students for success in their first operating room experiences. Proper scrubbing technique, gowning, and general OR etiquette are demonstrated.  
[https://www.unmc.edu/elearning/egallery/a-clean-getaway-scrub-techniques-and-or-etiquette/](https://www.unmc.edu/elearning/egallery/a-clean-getaway-scrub-techniques-and-or-etiquette/)

**Fine Needle Aspiration Technique**
This e-module consists of video clips that provide an overview of the fine needle aspiration (FNA) procedure; demonstration of patient interaction, preparation and staining of the glass slide specimens, and evaluation of specimen adequacy assessment.  
[https://www.unmc.edu/elearning/egallery/fine-needle-aspiration-technique/](https://www.unmc.edu/elearning/egallery/fine-needle-aspiration-technique/)

**Introduction to the Trauma Patient**
This module was developed for the College of Medicine first and second year medical student Integrated Clinical Experience, ICE, lecture series. Trauma patient evaluation and management provides a unique clinical environment where multi-disciplinary teamwork and systematic, repeated evaluation is essential to treatment of acute, life-threatening conditions.  
[https://www.unmc.edu/elearning/egallery/introduction-to-the-trauma-patient/](https://www.unmc.edu/elearning/egallery/introduction-to-the-trauma-patient/)

**Lumbar Puncture e-Module**
This module provides an overview of lumbar puncture indications, contraindications, and risks.  
[https://www.unmc.edu/elearning/egallery/lumbar-puncture-e-module/](https://www.unmc.edu/elearning/egallery/lumbar-puncture-e-module/)

**Paracentesis e-Module**
This module provides an overview of paracentesis.  
[https://www.unmc.edu/elearning/egallery/paracentesis-e-module/](https://www.unmc.edu/elearning/egallery/paracentesis-e-module/)

**Peri-Operative Evaluation: A Primary Care Clinicians Guide to Evidence-Based Care**
The aim of this module is to guide learners toward adopting a patient-centered, cost-conscious model of peri-operative care. Peri-operative evaluation is presented in a systematic manner presented evidence-based practices in a a case-based manner. Cases center around clinical scenarios that challenge the status quo of traditional practice.  

**Pre-Procedure e-Module**
This e-module discusses pre-procedure items such as informed consent, time out, proper sterile precautions and One-Chart documentation.  
[https://www.unmc.edu/elearning/egallery/pre-procedure-e-module/](https://www.unmc.edu/elearning/egallery/pre-procedure-e-module/)
Available E-Modules for Medical Curriculum

Clerkships

Surgery
A Clean Getaway: Scrub Technique and Operating Room Etiquette
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Pediatrics

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Psychiatry

Introduction to Psychiatry
The focus of this module is educating M3 students entering the psychiatry clerkship on knowledge required to succeed in psychiatry, namely interviewing techniques and some basic knowledge regarding presentations and medications.
https://www.unmc.edu/elearning/egallery/introduction-to-psychiatry/

Other areas

Biostatistics/ Population Health/ EBM:

Biostatistics Primer – Inference Basics
In this module, concepts related to statistical inference will be discussed, including the basic concepts behind hypothesis testing, common statistical tests, and when to use each type of test.
https://www.unmc.edu/elearning/egallery/biostatistics-primer-inference-basics/
Available E-Modules for Medical Curriculum

Biostatistics Primer – Inference Basics: More Practice
This is a 20 question quiz to test your knowledge on inference basics.
https://www.unmc.edu/elearning/egallery/biostatistics-primer-inference-basics-more-practice/

Biostatistics Primer – Risk
In this module, concepts related to summarizing risk will be discussed, including risk and odds, relative risk and odds ratios, risk reduction, and numbers needed to treat and to harm.
https://www.unmc.edu/elearning/egallery/biostatistics-primer-risk/

Biostatistics Primer – Risk: More Practice
This is a 20 question quiz to test your knowledge on risk.
https://www.unmc.edu/elearning/egallery/biostatistics-primer-risk-more-practice/

Biostatistics Primer – Study Design
In this module, concepts relating to study design are covered. This includes types of experimental and observational studies, and strengths and limitations of different designs.
https://www.unmc.edu/elearning/egallery/biostatistics-primer-study-design/

Biostatistics Primer – Study Design: More Practice
This module is a 20 question quiz to test your knowledge on study design.
https://www.unmc.edu/elearning/egallery/biostatistics-primer-study-design-more-practice/

Biostatistics Primer – Summarizing Data
In this module, concepts related to summarizing data will be covered, including graphical and numerical summaries for categorical and numerical data.
https://www.unmc.edu/elearning/egallery/biostatistics-primer-summarizing-data/

Biostatistics Primer – Summarizing Data: More Practice
This module is a 17 question quiz to help students master summarizing data.

Biostatistics Primer – Variability
In this module, concepts related to understanding variability will be discussed, including standard deviation, standard error and confidence intervals.
https://www.unmc.edu/elearning/egallery/biostatistics-primer-variability/

Biostatistics Primer – Variability: More Practice
This module is a 20 question quiz to test your knowledge on variability.
https://www.unmc.edu/elearning/egallery/biostatistics-primer-variability-more-practice/

Searching the Library for Evidence
This module was created to help students utilize library resources to find appropriate, evidence-based literature.
https://www.unmc.edu/elearning/egallery/searching-the-library-for-evidence/
Available E-Modules for Medical Curriculum

Health Care Finance for Clinicians in Era of Health Care Reform
This e-module is designed to improve knowledge and functional understanding of basic concepts in healthcare finance for medical and graduate students and residents.

Making the Healthy Choice the Easy Choice
This e-module introduces the policy, systems, and environmental approach to behavior change, which seeks to “make the healthy choice the easy choice” by creating sustainable changes to the community environment that enable community members to engage in healthy behaviors by default.
https://www.unmc.edu/elearning/egallery/making-the-healthy-choice-the-easy-choice/

Promoting Partnerships through Community Engagement
The design of this module, specific for an inter-professional audience, will promote attainment of community engagement and social justice practices that will prepare UNMC learners uniformly for quality partnership work, during their education and in their future careers.
https://www.unmc.edu/elearning/egallery/promoting-partnerships-through-community-engagement/

Searching the Library for Evidence
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https://www.unmc.edu/elearning/egallery/searching-the-library-for-evidence/

The MAPP Process: Addressing Rural Childhood Obesity through Community Collaboration in Public Health
Obesity prevention represents a priority area for many public health agencies, many of whom employ Mobilizing for Action through Planning and Partnerships (MAPP). This e-module includes individual video testimonials of diverse stakeholders who participated in the MAPP process where they comment on the impact of obesity in their field and ways in which they individually and collectively address obesity through collective impact.

H & P/ Physical Exam
How to Take a Medication History
This module explains the components of a complete medication history and demonstrates the proper technique a health care professional should utilize when interacting with a patient to obtain a medication history.
https://www.unmc.edu/elearning/egallery/how-to-take-a-medication-history/

eUrgent Dental Care Module
In this module, students will learn to use a systematic approach utilizing the SOAP (subjective, objective, assessment, and plan) technique when evaluating a patient. The e-module also helps streamline the diagnostic process, making sure all steps are completed before a diagnosis is decided and treatment performed.
https://www.unmc.edu/elearning/egallery/eurgent-dental-care-module/
Available E-Modules for Medical Curriculum

**Introduction to Vital Signs**
This module was developed in partnership with students at the University of Gitwe to provide an introduction to vital signs.
[https://www.unmc.edu/elearning/egallery/introduction-to-vital-signs/](https://www.unmc.edu/elearning/egallery/introduction-to-vital-signs/)

**Miscellaneous**

**A Practical Guide to Lease Financing Decisions within Health Care Organizations**
This module will teach leasing concepts within health care organizations. Interactive activities will simulate real world lease decision making scenarios.
[https://www.unmc.edu/elearning/egallery/a-practical-guide-to-lease-financing-decisions-within-health-care-organizations/](https://www.unmc.edu/elearning/egallery/a-practical-guide-to-lease-financing-decisions-within-health-care-organizations/)

**Blooms Taxonomy: An Interactive Guide**
This module is an interactive guide to utilizing Blooms Taxonomy to establish learning objectives.

**Creating Instructor Presence in Asynchronous, Online Learning Environments**
This e-module addresses the need for educators to develop their online persona and establish meaningful connections with students in order to achieve better learning outcomes.
[https://www.unmc.edu/elearning/egallery/creating-instructor-presence-in-asynchronous-online-learning-environments/](https://www.unmc.edu/elearning/egallery/creating-instructor-presence-in-asynchronous-online-learning-environments/)

**Engaging Your Learners**
This module is a 10-15 minute interactive guide to engaging learners through content, delivery, and presence.
[https://www.unmc.edu/elearning/egallery/engaging-your-learners/](https://www.unmc.edu/elearning/egallery/engaging-your-learners/)

**Community Leadership Development Course: For Undergraduate Students in RHOP, KHOP, or PHEAST**
This module makes up a 16-week undergraduate Community Leadership Development Course for students in the Rural Health Opportunities Program (RHOP), Kearney Health Opportunities Program (KHOP), or Public Health Early Admissions Student Track (PHEAST). The project was chosen because it is imperative students begin to build their leadership capacity.
[https://www.unmc.edu/elearning/egallery/community-leadership-development-course/](https://www.unmc.edu/elearning/egallery/community-leadership-development-course/)