

Standard 6 – Element 6.2-1

Evidence Submission

Evidence #1 Educational Objectives

DYU-COM Educational Objectives

The Educational Objectives section of this document outlines the fundamental goals and expectations for the educational outcomes at DYU-COM. By specifically identifying the educational objectives that we aim to achieve through our curriculum and training, the program emphasizes the importance of setting clear, measurable goals for student learning and performance, thereby maintaining the quality and relevance of our osteopathic medical education.

DYU-COM utilizes the following ten (10) educational objectives to train a well-rounded Osteopathic Physician capable of serving in a wide array of medical settings, particularly in primary care working with diverse populations.

- 1. Osteopathic Principles and Practice**
- 2. Medical Knowledge**
- 3. Patient Care**
- 4. Interprofessional and Communication Skills**
- 5. Professionalism**
- 6. Practice-based Learning and Improvement**
- 7. Systems-based Practice**
- 8. Cultural Competency**
- 9. Health Promotion/Disease Prevention**
- 10. Social/Community Involvement**

These educational objectives are each individually described on the following pages of this document to provide a comprehensive picture of the expectations for DYU-COM.

1. Osteopathic Principles and Practice

- Students will learn to approach the patient in a holistic manner, with mind-body-spirit integration. They will understand the philosophy of osteopathic medicine, and the relationship between structure and function in health and disease and assimilate knowledge and training in foundational coursework to deliver evidence-based, patient-centric management and treatment.
- Students will develop a comprehensive process to obtain history and physical examination, differential diagnosis, management plan including investigations and imaging, and treatment and procedures, using Osteopathic principles.
- Students will gain expertise in Osteopathic Manipulative Medicine and utilize specific techniques individually and as part of a treatment plan to alleviate pain and complaints.
- Students will employ research and professional development to be current and contemporary with osteopathic knowledge and techniques.
- Students will consistently self-evaluate and use feedback from patients and peers to continuously improve the practice of osteopathic medicine.
- Students will faithfully participate in the contribution of osteopathic medicine to patient care, master the art and science of osteopathic principles and practice and manipulative techniques, and discuss and answer questions truthfully and respectfully from patients and Inter-professional colleagues.

2. Medical Knowledge

- Students will develop a strong understanding of the foundations of Medicine, Biomedical Sciences, Behavioral Health, and Social/Community Medicine so they are capable of being a competent clinician that provides comprehensive and holistic patient care.
- Students will build strong medical knowledge and apply the knowledge and skills acquired in the first two years of medical school to patient care during clinical rotations.
- Students will utilize research methodology, biostatistics, and epidemiology to better understand health and disease in the community.
- Students will combine medical knowledge with professionalism, empathy, practice-based learning, systems-based practice, and interpersonal and interprofessional communication to become a leader in this noble profession.
- Students will disseminate medical knowledge and skills to mentees and physicians-in-training to build a stronger profession.

3. Patient Care

- Students will apply medical knowledge and skills effectively while delivering supervised patient care. They will gain expertise in facilitating diligent history-taking discussions, followed by thorough physical examinations."
- Students will record the data obtained accurately and maintain privacy of sensitive information.
- Students will generate a differential diagnosis that is evidence-based and relevant. Order only diagnostic tests and imaging that are necessary.
- Students will develop a management plan and involve the patient and their family in decision-making. Integrating health promotion and prevention strategies in care wherever possible and follow up as necessary with patients to encourage patient questions and involvement.
- Students will perform invasive procedures and surgery judiciously.
- Students will work with other healthcare professionals and be aware of alternative and indigenous medical practices to deliver the best care to patients and the community.

4. Interprofessional and Communication Skills

- Students will master the art of communication with patients, peers, and community partners. With patients, obtain a detailed but focused history with sensitivity to their values, beliefs, and culture; listen carefully; communicate the steps of physical examination; involve patients in decision-making about invasive diagnostic and therapeutic procedures and the management plan; ensure that patients are clear about the treatment plan and options.
- Students will acknowledge the uniqueness of each patient and utilize communication skills accordingly to communicate effectively with all members in a mutually respectful way.
- Students will become proficient in collaborating with a team of healthcare professionals in various settings.
- Students will be prepared to take on the responsibility of being a leader of an interprofessional team.
- Students will minimize the effects of bias and personal beliefs in interactions and communication with patients, peers, staff, community partners, and interprofessional colleagues.

5. Professionalism

- Students will learn skills of professionalism to uphold the nobility of the osteopathic professions and treat patients with utmost respect regarding their beliefs, culture and expectations.
- Students will practice values of honesty, integrity, trustworthiness and be accountable for their professional and personal behavior. They will adopt a serious attitude and avoid being too casual, always respecting patient-physician confidentiality and boundaries.
- Students will extend the same courtesy and consideration to all patient groups irrespective of background and socioeconomic status. They will learn how to handle difficult patients/scenarios empathetically but firmly, and always follow the principles of ethics in decision-making and develop traits of altruism and benevolence.
- Students will treat their peers and colleagues with the same respect and attitude that they would expect in return. Showing professionalism and leadership when working as a team, appreciating the contribution of each team member, and working collaboratively with the utmost professionalism to ultimately benefit the patient.

6. Practice-Based Learning and Improvement

- Students will apply foundational knowledge and clinical skills in managing and treating patients and make an effort to self-assess and continuously improve. Medical knowledge is ever-evolving; practice evidence-based medicine while learning and applying new information and skills.
- Students will accept feedback and constructive criticism from patients, colleagues, and mentors to enhance clinical acumen and judgment.
- Students will utilize research to make informed decisions and improve professional judgment. They will integrate the critical thinking skills learning through research and research methodology studies in their clinical practice.
- Students will be familiar with biostatistics and epidemiology and be capable of assessing the validity of data and its sources.
- Students will be open to assessing and adopting new methodologies, replacing outdated and inaccurate practices. They will use their medical and scientific expertise to benefit patients and the community.

7. Systems-Based Practice

- Students will acquire knowledge and competency regarding the practice of medicine in line with systemic guidelines and regulations.
- Students will be cognizant of local, national, and global policies to manage individual patients as well as a larger community.
- Students will apply cultural competency, epidemiology, and awareness of global health issues to improve clinical practice in a unified world. Update and improve knowledge, skills, and approaches.
- Students will demonstrate an understanding of how health delivery systems and professional practices affect other health professionals, academics, healthcare organizations, and the business of healthcare, and be prepared to contribute to the profession and be a leader.
- Students will ensure patient safety and the best possible outcomes.

8. Cultural Competency

- Students will achieve cultural competency while serving the diverse population in Western New York and elsewhere.
- Students will be prepared for varied presentations, attitudes, cultural beliefs, and acceptance/rejection of treatment plans by different groups of people. They will also be sensitive to differences in age, gender, race, ethnicity, sexual orientation and preference, and disability.
- Students will obtain/record a cultural history/profile appropriately for patients and use evidence-based medicine and research to manage medical conditions and illnesses in different races to achieve the best outcomes.
- Students will minimize bias and stereotyping in patients of diverse groups.
- Students will familiarize with and understand alternative medical practices and traditional methods.
- Students will practice effective methods of communication; enlist the help of interpreters where necessary.
- Students will be aware of global and national implications of pandemics and infectious diseases that affect patient management.

9. Health Promotion/Disease Prevention

- Students will gain expertise in various methodologies in osteopathic medicine and public health to improve health and prevent disease among patients and in the community
- Students will encourage health promotion using a holistic approach, including the encouragement of smoking cessation, regular exercise, good nutrition and diet, and lifestyle modifications to maintain good health.
- Students will utilize best practices in Behavioral Health and Social/Community Medicine to build a stronger and healthier community. They will also counsel for alcoholism, drug use, and addiction rehabilitation.
- Students will be aware of global and national health policies and integrate these into patient advising.
- Students will continuously improve their knowledge of Foundational Sciences and Public Health to become strong advocates for their patients and a healthy community. They will work with health organizations and systems to disseminate knowledge about health and healthy practices in the community.

10. Social/Community Involvement

- Students will be part of a university located in a diverse city, and will achieve cultural competency in caring for diverse, underprivileged, and new immigrant populations. Students will also follow and uphold the DYU-COM mission and that of its Parent Institution, which is 'Service for all'.
- Students will pay special attention during observerships and rotations in community health centers and other clinics/hospitals serving an underserved patient population. They will be aware of discrepancies and disparities in healthcare and living parameters and maximize the application of knowledge and training to best benefit the patient and overcome barriers.
- Students will participate in community work whenever possible to understand social/community dynamics and learn how to be a leader in the community.
- Students will appreciate and utilize opportunities to serve a diverse population of Western New York and continue these values as a practicing physician.
- Students will uphold osteopathic goals of primary care in the community and be prepared to act during public health crises.
- Students will gain knowledge and expertise in social aspects of medicine like racial disparities, homelessness, underserved women's and child healthcare, and addiction medicine to name a few.