

# Edward Via College of Osteopathic Medicine

## 4<sup>th</sup> Year Clinical Rotation: Adolescent Medicine

MED 8400: Elective Clinical Rotation I

MED 8410: Elective Clinical Rotation II

MED 8420: Elective Clinical Rotation III

MED 8430: Elective Clinical Rotation IV

## COURSE SYLLABUS

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- d. Osteopathic Manipulative Medicine - the student should demonstrate the following skills in regards to osteopathic manipulative medicine:
  - 1. Apply osteopathic manipulative medicine successfully when appropriate
  - 2. Perform and document a thorough musculoskeletal exam
  - 3. Utilize palpatory skills to accu

- Sexually transmitted diseases (pelvic exam, male reproductive health screening).
2. Common screening tests in adolescent medicine:
    - Sexually transmitted diseases (GC, chlamydia, syphilis, HIV, human papilloma virus, trichomonas)
    - Cervical dysplasia (including Pap smear and colposcopic indications, performance, and results)
    - Hepatitis, anemia, hyperlipidemia, and TB
    - Hearing and vision screening
  3. School-related problems & risk factors in adolescent medicine:
    - Learning disabilities
    - ADHD
    - Lack of parental involvement
    - Homelessness
    - Cultural barriers
    - Gang involvement
  4. Common problems in adolescents related to sexual activity and sexuality:
    - Pregnancy
    - Labs/ screening procedures
    - STDs and HIV infection
    - Attitudes and feelings about sexuality
    - Contraception/ disease prevention
  5. Issues related to substance abuse and tobacco use in adolescents:
    - Awareness of the magnitude of alcohol and drug problems in children and teens
    - Ability to assess risk factors for substance abuse
    - Ability to identify adolescents who use substances (by history and physical)
    - Ability to manage common problems associated with substance abuse
    - An understanding of the role of the primary care provider in the management of these patients
    - Knowledge of community resources available for treatment
  6. Common problems & disorders in adolescent medicine:
    - Cardiovascular: hyperlipidemia, hypertension, chest pain, syncope, pathologic heart murmurs.
    - Dermatologic: acne, viral exanthems, dermatoses, eczema.

- Endocrinology: hyper- or hypothyroidism, galactorrhea, unusual hirsutism or virilism, abnormal growth, delayed puberty, diabetes mellitus, obesity, gynecomastia.
- Genitourinary: dysmenorrhea, dysfunctional uterine bleeding, irregular menses, vaginitis, cervicitis, STDs, pelvic inflammatory disease (PID), epididymitis, UTI, pregnancy, polycystic ovary syndrome, ovarian cysts and tumors, primary and secondary amenorrhea, testicular disorders, HIV
- Musculoskeletal: kyphosis, scoliosis, Osgood-Schlatter Disease, chondromalacia patella.

#### 7. Common psychiatric & behavioral disorders in adolescents:

- Eating disorders (anorexia nervosa, bulimia)
- Psychoses
- Conversion reactions
- Anxiety disorders
- Violence and aggressive behaviors
- Depression (mood disorders)
- Suicide and suicidal ideation
- Post traumatic stress syndrome
- Attention deficit hyperactivity disorder
- Conduct disorders
- Antisocial behavior (delinquency)
- Oppositional defiant disorder
- Pervasive developmental disorders (including autism)
- Learning disabilities