### Thematic plan of practical classes
**IN TRAUMAtology AND ORTHOPEDICS**

<table>
<thead>
<tr>
<th>№№</th>
<th>Topic</th>
<th>Hours</th>
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</table>
| 1. |...
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**Modular content**

| 1. |...
|    |...
|    |...
1. Introduction to the profession. Features survey of orthopedic and trauma patients.

2. Degenerative-dystrophic diseases of joints.
3. Inflammatory joint diseases.

4. Diseases of the spine (congenital and acquired).
5.

| Injuries of upper extremity | (Damage to the shoulder girdle and upper limb) |

6.

| Military trauma |  |
7. Damage to the spine and pelvis. Traumatic disease, multiple trauma.
8. Military trauma

9. Lower extremity injuries.
THEMATiC PLAN and questions to the lectures iN TRAUMAtology AND ORTHOPEDiCS

I. Introduction to the profession. Trauma care, polytrauma.
Modern principles of treatment and rehabilitation of patients with lesions of the musculoskeletal apparatus.

1. The contribution of local scientists in the development of traumatology and orthopedics. Orthopedic and trauma education in Ukraine.
2. Trauma injuries. Types of injuries.
5. Classification of fractures. Modern principles of treatment. Based on the symptoms of which can establish the diagnosis of a fracture?
10. Damage in the field of ankle-stage joint. The clinic, diagnosis, treatment.
II. Congenital malformations of the musculoskeletal apparatus.

1. Etiology, pathogenesis, clinical signs of congenital muscular torticollis.
2. Conservative and surgical treatment of congenital muscular torticollis, indications and methods.
3. The definition of "scoliosis" and classification of scoliosis with etiology.
4. Pathogenesis of scoliotic disease, its extent and clinical features.
5. Basic principles of early recognition of scoliotic disease.
11. Likuvannya before hip dislocation in newborns, the first year of life and children over 3-4 years.
12. Kliniko-roentgenological diagnosis of congenital hip dislocation before the age of 1 year.
13. Osoblyvosti treatment of congenital hip dislocation in different age groups.
Treatment for congenital clubfoot 15. Konsovatyvne, its methods and indications.
16. The surgical treatment of congenital clubfoot, its methods and indications.

III. Degenerative-dystrophic diseases of the spine and joints.

   articular cartilage (histology and biochemistry).
4. Forms dystrophic-degenerative lesions of joints.
5. Anti-inflammatory drugs used to treat OA. Classification, mechanism of action.
6. The principles of conservative and surgical treatment of OA.
7. Osteochondrosis. Pathogenesis, clinical picture,
diagnosis, treatment.

8. Spondilolistez. The clinic, diagnosis, treatment.
10. Stenosis of spinal canal.

IV. Specific and nonspecific inflammatory diseases of the joints

1. Classification of inflammatory joint disease
2. Reactive arthritis. The clinic, diagnosis, treatment.
3. Specific inflammatory joint diseases (bacterial arthritis, tuberculosis of bones and joints).
4. Tuberculosis of bones and joints. The clinic, diagnosis, treatment.
5. Nonspecific inflammatory diseases of the joints (rheumatoid arthritis, psoriatic arthritis, deviation, ankylosing spondylitis, etc.).
7. Rheumatoid arthritis. Classification, the stage of activity, functional failure of the joint.
8. Rheumatoid arthritis. Clinic on stages in the course.
10. Ortopedychna prevention of contractures and deformities in RA.
V. Tumors diseases of the musculoskeletal apparatus.

1. Determination of tumor (benign, malignant).
2. Classification of tumors.
5. Benign tumors of connective tissue.
<table>
<thead>
<tr>
<th>Topics</th>
<th>Hours</th>
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<tbody>
<tr>
<td>Multiple trauma, Classification, clinic</td>
<td>1</td>
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</tbody>
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diagnostics, treatment

3

Crush-syndrome.

Osteocho...
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Deformation of the
foot: flat foot, valgus deviation of the first
toe, hammer and hammer-shaped
deformation of the fingers of the feet.

Classification
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clinic,
diagnostics,
treatment
Flaccid
paralysis

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poliomyelitis.
Etiology, pathogenesis, classification
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clinic,
diagnostics,
Спа-стік
paralys
is : 

cerebra
dl palsy.
Etiology, pathogenesis,
статистика, лечение.
Англомовне навчання

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Англомовне навчання
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Англомовне навчання

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History of
Англомовне навчання

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Traumatol
Orthopedic
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3. Clinical
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Clinical
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childhood.
5.

Radi
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X-ray
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childhood.
7. Treat
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9. Clinic
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11. Surgi
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clubfoot.
12. Cong
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clinic,
diagnosis,
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13. Dege
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joints
Classificat
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14.
Conservativ
Англомовне навчання
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surgical
treatment
stage
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15. Oste
sis. Path
ogenesis,
clinic
picture,
diagnosis,
treatment
16. Scoli
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clinical
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17.

Cons
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18.
Operative
treatment
of
scoli
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19.
Spon
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Path
Ogenesis.
The clinic
osis, treat
ment.
20.
The cons
sequences
of polio.
Ambulato
ment
guide
lines.

21.
clinic
diagnosis,
treatment
principles.
22. Plosk
of the foot.
Clinic
prevention
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treat
ment.

23.
Amputatio
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Class
amputation
Indic
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24.
Tech
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types
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25.
Defects
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amputation
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26. Prost
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27.

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28.
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29.
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33.
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34.
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35.
Zloya
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tumor of
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treatment.
36. Дифференційна
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tumors.
37. clinic
and
class
spastic
paralysis.
38. The
principles
of

cons
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surgi
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of
spastic
paralysis.
39.

Beni
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Diagnosis
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40.
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41.

Fract
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surgical
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Classificati
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treat
Diaphyse
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rus,
diagnosis,
treatment.
43.
Abov
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Class
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44.
Diaphyse
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clinic,
treatment.
45. Dama
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The clinic
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treat
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46.
Radi
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Англомовне навчання

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Class
ification
clinical
picture,
diagnosis,
treatment.
47.

Scap
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clinical
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treat
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48.
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The
clinic
diagnosis,
treatment.
49.

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clinic
diagnosis,
treatment.
50.

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syndrome).
The clinic
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Fractures
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The
clinic
diagnosis,
treatment.
52.
Treat
injuries
fractures
addition.
53.

Femo
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neck
fractures.
Class
ification
on,
clinic
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osis,
treat
ment.

54.
Troc

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femur
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Classificatory
on, clinic
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treat
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55.
Diaphyse
Classifi
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The
clinic,
diagnosis,
treatment.
56. Fract
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femur
condyles.
The clinic
osis,
treat
ment.

57.
Fractures
of the tibia
condyles.
The clinic
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58.
fractures.
Clinic,
diagnostic
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59.
Ankle
Fractures
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Classificati
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treat
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60.
Calca neus
fractures.
Ambulato
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61.
Fractures
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The clinic
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62.
Fractures
of the pelvi
ification,

diagnosis,
treatment.
63.
Treat
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fractures
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The period
Treatment
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65. Fract
processes
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clinic
diagnosis,
treatment.
66. Fract
vertebral
Англомовне навчання
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diagnosis.
67. Fract
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of the
vertebral
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ment.

68.
Operative
treatment
ures of the
vertebrae.
Indicators
transactio
ns.

69.
Fractures
of the olecran
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The
clinic
diagnosis,
treatment.
70.

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71.
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72.
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diagn
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clinic
diagnosis,
treatment.
74.

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diagnosis,
treatment.
75.

Dislo
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The clinic
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76.
Dislocation
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77.

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78.
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79.
First aid
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Англомовне навчання
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80. Princ
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82.
Damage to
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The
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83.
Dama
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Англомовне навчання
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Inter
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Англомовне навчання

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Transport
Англомовне навчання

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6.
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7. Prep
Англомовне навчання

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Англомовне навчання

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Англомовне навчання

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Clinical
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15.

X-ray
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16. Corr
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Англомовне навчання
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