



Logbook of MS of Rheumatology, Physical Medicine & Rehabilitation

OF WIVERSITY FACULTY OF HIS





| Per | son | al 1 | Da | ta |
|-----|-----|------|----|----|
| | | | | |

| Personae Data |
|---|
| Name: |
| Department : |
| Mobile Number: |
| E-mail Address: |
| Master Degree: |
| Date of registration: |
| Signature. Head of the Department Vice Dean for research and postgraduate study |
| Head of the Department Vice Dean for research and postgraduate study |





Aim of the Logbook.

To provide evidence that the candidate attained the desired level of competence required to gain the award. In this book, the candidate will document all academic and clinical skills he/she attained during their training.

Important regulations (for MS candidates)

- -To be legible for the first part MS exam you have to attend at least 70% of the lectures of each course in the semester as evidenced by the logbook
- -To be legible for the (MCQ online) exam at the end of each of second part semesters you have to attend at least 70% of the lectures of each course/module in the semester as evidenced by the logbook.
- To be legible for the final MS exam.
- 1- A time interval of 36 months must pass since the <u>day of registration</u> to the job for residents and demonstrators and 30 months since the day of degree registration for non residents.
- 2- You have to spend a year of daily clinical/practical training in the department or two years with three times/week practical/clinical training.
- 3-You have to register 4 semesters on Ibn lhaythm registration page.
- 4- You have to attend 70% of the lectures of each course in the second part of MS degree.
- 5- You have to fulfill and perform 70% of the practical skills documented in the logbook.





Contents

Section I. Scientific lectures.

Section II. Clinical cases.

Section III. Procedures

Section IV: Seminars

Section V. Clinical rotation

Section VI. Scientific activities (conferences/workshops)

WINIVERSITY FACULTY OF HILL





Section I: Scientific Lectures

APPLIED ANATOMY COURSE

Compulsory First part Credit hours: 0.5 hour

Semester :(Spring/ fall/ summer) year.....

| Title of lecture | Date | Lecturer's signature |
|--|------|----------------------|
| - Gross anatomy of central nerves system - Cranial nerves. | V | |
| - Spinal nerves and dermatomes - Nerve plexuses (cervical, brachial, lumber and sacral) | | <u></u> |
| - Muscles of the body | | |
| - Vertebral column - Joints of the body | 37 | 3- |
| - Surface anatomy | 1 | |

APPLIED PHYSIOLOGY Course

Compulsory First part. Credit hours: 0.5 hour Semester:(Spring/fall/summer) year......

| ran, sammer) | | | |
|--------------|-------------------------|------|----------------------|
| 100 | Title of lecture | Date | Lecturer's signature |
| Blood | Anaemias | | |
| | Ca++ | 100 | |
| Endocrine | Suprarenal cortex | 10. | |
| * | Thyroid hormones | | |
| Vidnov | RBF | | |
| Kidney | GFR | | |
| | Work of breathing | | |
| | Pulmonary ventilation | | |
| Respiration | Hypoxia | | |
| | Pulmonary function test | | |





| | Regulation of HR | | | |
|-----------------------------------|-----------------------------------|---|----|--|
| CVS | Regulation of Blood Pressure | | | |
| CVS | Cardiac reserve | | | |
| | Effect of exercise on CVS | | | |
| Autonomic Nervo | us System (chemical transmitters) | | | |
| | Energy balance | | | |
| Metabolism | Obesity | | | |
| | Sports physiology | 1 | | |
| Digestion | Gastric secretion | A | | |
| / 9 | Receptors | | | |
| CNS | Ascending & descending tracts | | 2. | |
| | Control of motor activity | | | |
| | Postural reflexes | - | 3- | |
| Muscl <mark>e & Nerv</mark> e | (all topics except smooth muscle) | | 12 | |

BASICS OF **CLINICAL** IMMUNOLOGY Course

Compulsory First part. Credit hours: 1 hour Semester:(Spring/fall/summer) year......

| Title of lecture | Date | Lecturer's signature |
|--|------|----------------------|
| Innate immunity | 10 | 4. |
| Lymphocytes & lymphoid tissues | 01 | |
| ■ Immune response | 1 | |
| Antigen presentation & | | |
| Major histocomptability complex | | |
| ■ Immunoglobulins & Immunoglobulin genes | | |
| Cytokines | | |
| ■ Chemokines | | |
| ■ Complement & Kinin | | |
| Inflammation | | |
| ■ Apoptosis | | |





APPLIED PHYSICS Course

Compulsory. First part. Credit hours: 1 hour Semester: (spring/fall/summer)year......

| Title of lecture | Date | Lecturer's signature |
|---|-------|----------------------|
| Electromagnetic spectrum: 1-=Ultra-violet rays | 1. | |
| 2-Infra red rays | | |
| 3 -LASER waves | | 0.1 |
| 4-High frequency currents (SW, MW) | 11/2 | |
| Resistence | 13 | 3- |
| Types of electric current: Direct current Sinusoidal current Faradic current TENS | | TEDICINE ST |
| Didynamic current | W C | K. |
| • Interferential current Ultrasonic waves | TITTE | |
| Latent heat | 00- | |
| Viscosity, surface tension | | |
| Hydrotherapy | | |





REGIONAL MUSCULOSKELETAL DISORDERS Course

Compulsory First part. Credit hours: 1 hour Semester: (spring/fall/summer)year......

| Comostori (opring/ran/oaninor/) carinini | | |
|---|-------|----------------------|
| Title of lecture | Date | Lecturer's signature |
| Joints & Tendons: | | |
| Bursitis | | |
| ■ Tendonitis | 6, | |
| ■ Tenosynovitis (trigger finger) | 1 | |
| ■ Ligament strain & sprain | 1 | |
| Wrist & Hand: | | // |
| ■ Carpel tunnel Syndrome | | |
| ■ Trigger finger | | 5-1 |
| ■ Reynard's syndrome | | |
| ■ Ganglion | 1- | |
| ■ Dupuytren's contracture | - | |
| Elbow: | 100 | |
| Epicondylitis: Tennis Elbow, Golfers elbow | 4 | |
| Neck & Shoulder: | | |
| Rotator cuff tendonitis (Supra-spinatus tendonitis) | 200 | |
| ■ Capsulitis (Frozen shoulder) | | |
| ■ Thoracic outlet syndrome | | |
| Back: | | 1.0 |
| Degenerative disk disease | / | |
| Herniated disc | | 0. |
| ■ Chronic back pain | | .V. / |
| Legs & Feet: | | |
| ■ Hallux valgus | 10 | × / |
| ■ Hammer toe | NO. | |
| Morton's neuroma | 1177 | |
| ■ Tarsal tunnel syndrome | الاال | |
| Plantar fasciitis | | |
| • Osteoarthritis | | |
| Complex regional pain syndromes | | |
| Fibromyalgia | | |
| Myofascial pain syndromes | | |
| | | |





INTERNAL MEDICINE Course

Compulsory First part. Credit hours: 1 hour Semester: (spring/fall/summer)year......

| Cardiovascular system Heart failure Rheumatic fever Coronary heart disease Hypertension Infective endocarditis Pulmonary embolism Pulmonary hypertension Blood: Anemia Bleeding diathesis GIT & liver, GIT hemorrhage Dyspepsia Chronic diarrhea Hepatitis, acute & chronic Jaundice Inflammatory bowel disease Kidney Renal failure Glomerulonephritis Nephrotic syndrome Endocrine System: Pituitary gland Thyroid gland Suprarenal gland Parathyroid gland Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD Pleural effusion | Title of lecture | Date | Lecturer's signature |
|--|--|--------------|----------------------|
| Heart failure Rheumatic fever Coronary heart disease Hypertension Infective endocarditis Pulmonary embolism Pulmonary hypertension Blood: Anemia Bleeding diathesis GIT & liver, GIT hemorrhage Dyspepsia Chronic diarrhea Hepatitis, acute & chronic Jaundice Inflammatory bowel disease Kidney Renal failure Glomerulonephritis Nephrotic syndrome Endocrine System: Pituitary gland Thyroid gland Suprarenal gland Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD | Cardiovascular system | | |
| Coronary heart disease Hypertension Infective endocarditis Pulmonary embolism Pulmonary hypertension Blood: Anemia Bleeding diathesis GIT & liver, GIT hemorrhage Dyspepsia Chronic diarrhea Hepatitis, acute & chronic Jaundice Inflammatory bowel disease Kidney Renal failure Glomerulonephritis Nephrotic syndrome Endocrine System: Pituitary gland Thyroid gland Suprarenal gland Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia Pneumonia Proderine System: Preumonia Pneumonia Preumonia Preumonia | | | |
| Hypertension Infective endocarditis Pulmonary embolism Pulmonary hypertension Blood: Anemia Bleeding diathesis GIT & liver, GIT hemorrhage Dyspepsia Chronic diarrhea Hepatitis, acute & chronic Jaundice Inflammatory bowel disease Kidney Renal failure Glomerulonephritis Nephrotic syndrome Endocrine System: Pituitary gland Thyroid gland Suprarenal gland Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD | Rheumatic fever | | |
| Infective endocarditis Pulmonary embolism Pulmonary hypertension Blood: Anemia Bleeding diathesis GIT & liver, GIT hemorrhage Dyspepsia Chronic diarrhea Hepatitis, acute & chronic Jaundice Inflammatory bowel disease Kidney Renal failure Glomerulonephritis Nephrotic syndrome Endocrine System: Pituitary gland Thyroid gland Parathyroid gland Parathyroid gland Parathyroid gland Tnfection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia Preumonia COPD | Coronary heart disease | 61 | |
| Pulmonary embolism Pulmonary hypertension Blood: Anemia Bleeding diathesis GIT & liver, GIT hemorrhage Dyspepsia Chronic diarrhea Hepatitis, acute & chronic Jaundice Inflammatory bowel disease Kidney Renal failure Glomerulonephritis Nephrotic syndrome Endocrine System: Pituitary gland Thyroid gland Suprarenal gland Parathyroid gland Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia Pneumonia COPD | Hypertension | | |
| Pulmonary hypertension Blood: Anemia Bleeding diathesis GIT & liver, GIT hemorrhage Dyspepsia Chronic diarrhea Hepatitis, acute & chronic Jaundice Inflammatory bowel disease Kidney Renal failure Glomerulonephritis Nephrotic syndrome Endocrine System: Pituitary gland Thyroid gland Suprarenal gland Parathyroid gland Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia Preumonia COPD | | 1 | |
| Blood: | Pulmonary embolism | | |
| Anemia Bleeding diathesis GIT & liver, GIT hemorrhage Dyspepsia Chronic diarrhea Hepatitis, acute & chronic Jaundice Inflammatory bowel disease Kidney Renal failure Glomerulonephritis Nephrotic syndrome Endocrine System: Pituitary gland Thyroid gland Suprarenal gland Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD | Pulmonary hypertension | | |
| Bleeding diathesis GIT & liver, GIT hemorrhage Dyspepsia Chronic diarrhea Hepatitis, acute & chronic Jaundice Inflammatory bowel disease Kidney Renal failure Glomerulonephritis Nephrotic syndrome Endocrine System: Pituitary gland Thyroid gland Suprarenal gland Suprarenal gland Parathyroid gland Tinfection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD | Blood: | | 5-1 |
| GIT & liver, GIT hemorrhage Dyspepsia Chronic diarrhea Hepatitis, acute & chronic Jaundice Inflammatory bowel disease Kidney Renal failure Glomerulonephritis Nephrotic syndrome Endocrine System: Pituitary gland Thyroid gland Suprarenal gland Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD | Anemia | | |
| GIT hemorrhage Dyspepsia Chronic diarrhea Hepatitis, acute & chronic Jaundice Inflammatory bowel disease Kidney Renal failure Glomerulonephritis Nephrotic syndrome Endocrine System: Pituitary gland Thyroid gland Suprarenal gland Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD | Bleeding diathesis | 1- | |
| Dyspepsia Chronic diarrhea Hepatitis, acute & chronic Jaundice Inflammatory bowel disease Kidney Renal failure Glomerulonephritis Nephrotic syndrome Endocrine System: Pituitary gland Thyroid gland Suprarenal gland Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD | GIT & liver, | - | 121 |
| Chronic diarrhea Hepatitis, acute & chronic Jaundice Inflammatory bowel disease Kidney Renal failure Glomerulonephritis Nephrotic syndrome Endocrine System: Pituitary gland Thyroid gland Suprarenal gland Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD COPD | GIT hemorrhage | 10 | |
| Hepatitis, acute & chronic Jaundice Inflammatory bowel disease Kidney Renal failure Glomerulonephritis Nephrotic syndrome Endocrine System: Pituitary gland Thyroid gland Suprarenal gland Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD | Dyspepsia | the state of | N. |
| ■ Jaundice ■ Inflammatory bowel disease Kidney ■ Renal failure ■ Glomerulonephritis ■ Nephrotic syndrome Endocrine System: ■ Pituitary gland ■ Thyroid gland ■ Suprarenal gland ■ Parathyroid gland ■ Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: ■ Asthma ■ Pneumonia ■ COPD | | - | 1 |
| Inflammatory bowel disease Kidney Renal failure Glomerulonephritis Nephrotic syndrome Endocrine System: Pituitary gland Thyroid gland Suprarenal gland Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD | | | |
| Kidney Renal failure Glomerulonephritis Nephrotic syndrome Endocrine System: Pituitary gland Thyroid gland Suprarenal gland Parathyroid gland Parathyroid gland Thection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD | | 100 | > |
| Renal failure Glomerulonephritis Nephrotic syndrome Endocrine System: Pituitary gland Thyroid gland Suprarenal gland Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD | Inflammatory bowel disease | | |
| Glomerulonephritis Nephrotic syndrome Endocrine System: Pituitary gland Thyroid gland Suprarenal gland Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD | | | / 5 / |
| Nephrotic syndrome Endocrine System: Pituitary gland Thyroid gland Suprarenal gland Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD | | | |
| Endocrine System: Pituitary gland Thyroid gland Suprarenal gland Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD | | / / | 1.01 |
| Pituitary gland Thyroid gland Suprarenal gland Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD | Nephrotic syndrome | | 47 |
| Thyroid gland Suprarenal gland Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD | | | |
| Suprarenal gland Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD | | | 10. |
| Parathyroid gland Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD | | 101 | |
| Infection in the immuno- Compromised host Chest Diseases: Asthma Pneumonia COPD | | 117 | |
| Chest Diseases: Asthma Pneumonia COPD | Parathyroid gland | 1/1, | |
| AsthmaPneumoniaCOPD | Infection in the immuno- Compromised host | | |
| AsthmaPneumoniaCOPD | Chest Diseases: | | |
| PneumoniaCOPD | | | |
| ■ COPD | | | |
| Pleural effusion | | | |
| | Pleural effusion | | |
| Pyrexia of unknown Etiology | Pyrexia of unknown Etiology | | |





COURSE OF RHEUMATOLOGY AND IMMUNOLOGY

Compulsory Second part. Credit hours: 8 credit hours in 3 semesters Module1: 3 credit Hours.

| Title of lecture | Date | Lecturer's signature |
|--|------|----------------------|
| Structure, function of joints, CT and muscles. | | |
| Immune & inflammatory response. | | |
| Neuro-endocrinal aspects of the immune system & | 1 | |
| inflammation. | K | |
| The role of free radicals, endothelium, adhesion | | - |
| molecules in the etiopathogenesis of rheumatic diseases. | | 8 |
| cytokines and apoptosis in rheumatic disease | 3 ' | |
| Rheumatoid arthritis | 3 | 1.21 |
| Sjogren's syndrome and | | |
| Palindromic rheumatism. | 1 | 1 |
| SLE | 11 | |
| Systemic sclerosis | | 121 |
| Dermatopolymyositis. | | 101 |
| Vasculitis | | ~/ |
| Behcet disease. | OF | |
| Spondyloarthropathies. | 77 | |
| Inflammatory diseases of muscles and other | | |
| myopathies. | | |
| Rheumatic diseases of childhood. | | |





Module 2: 3 credit Hours.

| Title of lecture | Date | Lecturer's signature |
|--|------|----------------------|
| Crystal deposition arthropathies. | | |
| Osteoarthritis | | |
| Infective arthritis | | |
| Osteoporosis | | |
| Paget's disease and osteomalacia | | |
| Osteonecrosis | 18 | |
| Amyloidosis | | |
| Sarcoidosis | | 2 |
| Haematologic associated arthropathies | | |
| endocrine associated arthropathies | 3 | 3- |
| Malignant disorders associated arthropathy | 4 0 | |
| History taking and clinical examination | 1 | Lu |
| DD of different types of arthritis | 11 | |
| Diagnostic tests procedures and laboratory markers in rheumatic diseases | | 5 |
| Aspiration analysis and injection of joints & soft tissues. | 1 | |
| Imaging of musculoskeletal system. | | |
| Fibromyalgia and psychogenic rheumatism | 100 | · / |
| Renal bone diseases and Reflex Sympathetic dystrophy | 10, | |
| Regional pain, entrapment neuropathy and related disorders | -11 | |
| Pregnancy and lactation in rheumatic diseases | | |

Module 3: 2 credit Hours.

| Title of lecture | Date | Lecturer's signature |
|------------------|------|----------------------|
| NSAIDs | | |
| Glucocorticoids | | |





| Disease modifying anti-rheumatic drugs. | | |
|--|------|--|
| Immunoregulatory agents. | | |
| Anti-hyperuricemic drugs. | | |
| Biologic Therapy | | |
| Bone-strengthening agents. | | |
| Rehabilitation of patients with rheumatic diseases | | |
| Intra-articular therapy. | | |
| Indications of surgery in rheumatic diseases. | N. I | |

COURSE OF PHYSICAL MEDICINE AND REHABILITATION

Compulsory: Second part. Credit hours: 7 hours in 3 semesters module1: 2 credit Hours.

| Title of lecture | Date | Lecturer's signature |
|---|-------|----------------------|
| Clinical evaluation. | 9 | |
| Vocational evaluation and rehabilitation. | | H |
| Psychological aspects of rehabilitation. | | |
| Functional outcome assessment, self care evaluation and management. | | 5 |
| Electrodiagnosis | / / / | (0.) |
| Electrophysiological studies of muscles in normal and pathological | LTYOF | |
| Nerve conduction studies. | | |
| Neuromuscular junction studies. | | |

Module2: 2 credit Hours.





| Title of lecture | Date | Lecturer's signature |
|---|------|----------------------|
| Heat therapy | | |
| Cold therapy | | |
| Hydrotherapy | | |
| Laser | | |
| Electromagnetic therapy | | |
| Electro-stimulation | | |
| Traction | - | |
| Manipulations | A | |
| Therapeutic exercise | | |
| Massage | | |
| Adaptive systems and devices for the disabled | | |
| Upper limb orthosis & prosthesis | 7 | 3 |
| Lower limb orthosis & prosthesis. | | |
| Spinal orthosis | | Ш |
| Transfers and wheelchairs Walking aids. | | 7 |
| Module3: 3credit Hours. | | 13/ |

| Title of lecture | Date | Lecturer's signature |
|--|------|----------------------|
| Rehabilitation of arthritis | 1 | di. |
| Rehabilitation of pain | 10, | |
| Rehabilitation of stroke | | |
| Rehabilitation of spinal cord injuries | | |
| Rehabilitation of multiple sclerosis | | |
| Neurogenic bladder and bowel. | | |
| Rehabilitation of Spasticity. | | |
| Rehabilitation of orthopedic and traumatic conditions. | | |





| Rehabilitation of sport injuries. | | |
|--|---|-----|
| Rehabilitation of scoliosis. | | |
| Rehabilitation of amputee. | | |
| Rehabilitation after joint replacement therapy | | |
| Gait training. | | |
| Rehabilitation of osteoporosis. | | |
| Rehabilitation of cardiac patients | (| |
| Pulmonary Rehabilitation | 1 | |
| Rehabilitation of vascular diseases and diabetic foot. | A | |
| Immobilization syndrome | | |
| Rehabilitation of burn. | | P-1 |
| Rehabilitation of gynecological & obstetric disorders. | | |

COURSE OF Geriatric REHABILITATION

Elective: Second part: Credit hours: 3 hours over one semester

Semester: (spring/fall/summer) year......

| Title of Lectures | Date | Lecturer's signature |
|--|------|----------------------|
| Principles of practice in geriatric rehabilitation | | .0. |
| ■ Theories of aging | | |
| Age-related changes in anatomy, physiology, and function | JO. | HI / |
| Nutritional Considerations with Aging | 111 | |
| Drugs and Function in the Elderly | 1-1- | |
| ■ The role of the physical therapy in care of geriatrics | | |
| ■ Risk factors for falling | | |
| Prevention of falls | | |
| Rehabilitation after a fall | | |
| Rehabilitation after hip, knee replacement | | |





| Osteoporosis | |
|--|----|
| Diagnostic workup for osteoporosis | |
| Consequences of osteoporosis | |
| Prevention of osteoporosis | |
| Treatment of osteoporosis | |
| ■ Cardiovascular disease | |
| Arthritis, osteoarthritis, spondylosis | |
| Aging with life-long disabilities | |
| Risk factor for malnutrition | RI |
| Assessment of malnutrition | |
| ■ Treatment of malnutrition | 21 |

COURSE of Pediatric REHABILITATION

Elective course; Second part: Credit hours: 3 hours over one semester Semester: (spring/fall/summer) year......

| Title of Lectures | Date | L <mark>ecturer's</mark> signature |
|--|------|------------------------------------|
| Rehabilitation of congenital and acquired disabilities. | 2 | |
| Pediatric traumatic brain injury rehab. | | |
| Pediatric spinal cord injury rehab. | / 1 | |
| Rehabilitation of stroke in children | | 67/ |
| Abnormal gait in children | | |
| Rehabilitation of neuromuscular disease | 100 | 1. |
| Cerebral Palsy, spasticity management | 10, | |
| Rehabilitation of different forms of spinal bifida | 171 | |
| Therapeutic exercise, electrical stimulation, | | |
| Bracing, equipment, with anticipatory guidance in children | | |
| Rehabilitation of pediatric amputee, Pre-prosthetic and | | |
| prosthetic devices | | |
| Pediatric burn wound care | | |
| Rehabilitation of juvenile rheumatoid arthritis | | |
| Musculoskeletal pain syndromes involving the back, knee | | |





| anterior leg, ankle/foot and upper extremity in pediatric | |
|---|--|
| patients. | |
| Pulmonary rehabilitation | |

COURSE of REHABILITATION OF SPORTS INJUIRIES

Elective Second part: Credit hours: 3 hours over one semester

Semester: (spring/fall/summer) year......

| Title of lectures | Date | signature |
|--|-------|-----------|
| Foot Injuries: Foot pain, Plantar fasciitis, Bruised heel, Blisters, Bunions, Plantar fascia strain, Metatarsal fracture, Mortons neuroma, Metatarsalgia, Turf toe, athletes foot, Heel pain | K | SA-S |
| Lower Leg & Ankle Injuries: Ankle pain, Sprained ankle, Broken ankle, Shin splints, Calf strain, achilles tendon rupture Achilles pain, Sever's disease, Anterior compartment syndrome, Peroneal tendinopathy, Cramp, Calf pain, Ankle exercises | 3) | · K |
| Knee Injuries: Knee Pain, Patella pain syndrome, ACL injury, Iliotibial band syndrome, jumper's knee, Osgood schlatters disease, Posterior cruciate ligament injury, Medial cartilage meniscus injury, Medial ligament injury, Osteoarthritis, Housemaids knee, Articular cartilage injury, Quadriceps tendon inflammation, Bakers cyst, Knee exercises | OF HI | CINE |
| Low Back Pain: Low back pain, Lumbago, Scoliosis, Sciatica, SI joint, Facet joint pain, Muscle strains, Slipped disc, Back exercises. | | |
| Upper Back & Neck Pain: Neck pain, Whiplash, Cervical posture syndromes, Scheuermanns disease | | |
| Head Injuries | | |





| Elbow Injuries | | |
|--|---|-----|
| Elbow pain, Tennis elbow, Golfer's elbow, Triceps tendon | | |
| rupture , Hyperextension injury, Students elbow | | |
| Wrist & Hand Injuries | | |
| Wrist & hand pain, Wrist bursitis, Carpal tunnel syndrome, | | |
| Repetitive strain injuries, Fractured scaphoid, Metacarpal | | |
| fracture, Sprained thumb, De Quervains tenosynovitis, | | |
| Wrist exercises | | |
| - Sports Massage | | |
| - Strapping & Taping | 8 | |
| - Stretching | | |
| - Strengthening | | 2.4 |

COURSE of REHABILITATION OF CLINICAL IMMUNOLOGY

(Advanced Course)

Elective: Second part: Credit hours: 3 hours over one semester

Semester: (spring/fall/summer) year......

| Title of lectures | date | signature |
|---|------|------------|
| Basics of genetics | 7000 | 6 |
| 100 | | |
| 0. | | 0/ |
| Genetic basis <mark>of a</mark> uto <mark>imm</mark> une <mark>diseases.</mark> | | <i>y</i> / |
| P | | |
| 4/// | 101 | |
| Immunotherapy | CILL | |
| Immunotherapy | ACUL | |
| | | |
| | | |
| Blood Banks | | |
| | | |
| | | |
| | | |





Section II: Clinical Cases

| Name of the case | Total number required | cases No. of to carry out under supervision | No. of cases to examine &evaluate | No. of cases to plan & manage independent |
|---|-----------------------------|--|---|--|
| Rheumatoid arthritis and its variant (felty,sjogren, palindromic | A | 4 | 20 | 20 |
| rheumatismetc) | 100 | 40 | 30 | 30 |
| SLE&related syndromes | 30 | 15 | 10 | 5 |
| Connective tissue diseases (scleroderma,PM,DMetc) | 20 | 10 | 5 | 5 |
| Rheumatic dis of childhood | 40 | 20 | 10 | 10 |
| Crystals associated arthropathy(gout, pseudogout) | 20 | 10 | 5 | 5 |
| Sero-ve spondyloarthropathies (AS,Psoraitic,Reactive, enteropathic) | 60 | 30 | 20 | 10 |
| Fibromayalgia | 30 | 15 | 10 | 5 |
| Osteoporosis | 100 | 50 | 25 | 25 |
| OA,Spondylosis | 100 | 50 | 25 | 25 |
| Low Back Pain | 100 | 50 | 25 | 25 |
| Regional joints, soft tissue pain& entrapment neuropathy | 100 | 50 | 25 | 25 |
| Reflex sympathetic dystrophy | 5 | 3 | 1 | 1 |
| Vasculitis&Behcet | 10 | 5 | 3 | 2 |
| Arthritis as manifestation of systemic | 75/10 | FACUL 5 | 3 | 2 |
| diseases(hematological,endocrine, | | | | |
| malignant) Osteonecrosis (AVN) | 10 | 5 | 3 | 2 |
| Rare Cases | 3 | | | 1 |
| (Polychondritis,sarcoidosis,amyloi dosis) | 3 | 1 | 1 | 1 |





| Case1: Rheumatoid arthritis and its variants | | | | | |
|--|------------|----------|-------------------------|--|--|
| Level of participation | Date | Location | Signature of supervisor | | |
| 1. | | | | | |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |
| 6. | | | | | |
| 7. | | | | | |
| 8. | | 1 | | | |
| 9. | | | 1 | | |
| 10. | | | | | |
| 11. | | | | | |
| 12. | - 111 | | 2.1 | | |
| 13. | 4111 | 111 | | | |
| 14. | - \$\\\\\\ | 111/2 | | | |
| 15. | | 11/1/3 | | | |
| 16. | | 60 | | | |
| 17. | | | I V | | |
| 18. | | | | | |
| 19. | | | | | |
| 20. | Na a | | | | |
| 22. | | | | | |
| 23. | -114 | | 1.6 | | |
| 24. | | | | | |
| 25. | 75 | | 1,01 | | |
| 26. | | | | | |
| 27. | 170 | | | | |
| 28. | | | X / | | |
| 29. | | - N | | | |
| 30. | Do. | 11110 | | | |
| 31. | TSITVE | JOOP - | | | |
| 32. | | | | | |
| 33. | | | | | |
| 34. | | | | | |
| 35. | | | | | |
| 36. | | | | | |
| 37. | | | | | |
| 38. | | | | | |





| 39. | | | |
|-----|---------|---------|------|
| 40. | | | |
| 41. | | | |
| 42. | | | |
| 43. | | | |
| 44. | | | |
| 45. | | | |
| 46. | 10 | | |
| 47. | 1 3 | | |
| 48. | 1 | | |
| 49. | | 1 | |
| 50. | | | |
| 51. | | | 2 1 |
| 52. | | | |
| 53. | -111 | | 1 |
| 54. | 41111 | 111- | |
| 55. | 3/1/1/1 | 11117 | |
| 56. | | 1111/13 | |
| 57. | 100 | C 100 | |
| 58. | | | |
| 59. | No. | | |
| 60. | | | 4 |
| 61. | | 1000 | / |
| 62. | V Havar | | |
| 63. | -16 | 7000 | (5) |
| 64. | | | |
| 65. | 10 | | |
| 66. | | | 1.67 |
| 67. | | | |
| 68. | | | |
| 69. | | | |
| 70. | | 1177 | |
| 71. | DOLLYF | CIL | |
| 72. | MOINT | 100 | |
| 73. | | | |
| 74. | | | |
| 75. | | | |
| 76. | | | |
| 77. | | | |
| 78. | | | |
| 79. | | | |
| , | | | |





| 80. | | | |
|------------------------------|---------|-----------------------|------|
| 81. | | | |
| 82. | | | |
| 83. | | | |
| 84. | | | |
| 85. | | | |
| 86. | | | |
| 87. | | | |
| 88. | | | |
| 89. | | (| |
| 90. | | | |
| 91. | | | |
| 92. | | | 2 4 |
| 93. | | | V/ |
| 94. | . 111 | | 1 21 |
| 95. | 41111 | 111- | |
| 96. | *////// | 1117 | |
| 97. | | 1111/2 | |
| 98. | 100 | Comment of the second | 12 |
| 99. | | | |
| 100. | 1 | - | |
| Case 1. CI E 9 maleted sunda | 0.1 | | |

Case 2: SLE&related syndromes

| | Level of participation | Date | Location | Sup <mark>ervisor Signature</mark> |
|-----|------------------------|--------|----------|------------------------------------|
| 1. | 7 | | 7 | 10 |
| 2. | 100 | 200 | | 12 |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |
| 6. | 71 | 100 | 1 | Bi. |
| 7. | 711 | | .01 | |
| 8. | ONL | | | |
| 9. | VIVE | Danne | CILLI | |
| 10. | - | TSITYE | 100 | |
| 11. | | | | |
| 12. | | | | |
| 13. | | | | |
| 14. | | | | |
| 15. | | | | |
| 16. | | | | |
| 17. | | | | |





| 18. | | | |
|-----|-----|-----|--|
| 19. | | | |
| 20. | | | |
| 21. | | | |
| 22. | | | |
| 23. | | | |
| 24. | | | |
| 25. | | | |
| 26. | | 1 3 | |
| 27. | IN. | | |
| 28. | | | |
| 29. | | | |
| 30. | | | |

| Case 3 | Connective tissue diseases | (scleroderma,P | M,DM | etc) |
|--------|----------------------------|----------------|----------|------------------------------------|
| | Level of participation | Date | Location | S <mark>upervisor Signature</mark> |
| 1. | | | 1 | 34 |
| 2. | | | 000 | |
| 3. | -0 | | | D. |
| 4. | | 200 | | |
| 5. | | 3-1 | | - Land |
| 6. | | Vinas | | ~ |
| 7. | | | | |
| 8. | | 1 -100 | 18 | |
| 9. | 10,1 | - | | |
| 10. | 0. | 10 | | |
| 11. | | | | 347 |
| 12. | P | Total | | |
| 13. | 14. | | AV | |
| 14. | · UAI | | NU | |
| 15. | 7/1//- | | TILLE | |
| 16. | L | RSITVE | ICOP. | |
| 17. | | 11111 | | |
| 18. | | | | |
| 19. | | | | |
| 20. | | | | |





| Case 4: Rheumatic diseases of childhood | | | | | |
|---|--------|----------|-----------------------------|--|--|
| Level of participation | Date | Location | Supervisor Signature | | |
| 1. | | | | | |
| 2. | | | | | |
| 3. | | | | | |
| 4. | | | | | |
| 5. | | | | | |
| 6. | 4 = | | | | |
| 7. | | | | | |
| 8. | 1 | | | | |
| 9. | | 1 | | | |
| 10. | | 4 | | | |
| 11. | | | | | |
| 12. | | | | | |
| 13. | | | 8 | | |
| 14. | 41//// | 11//2 | | | |
| 15. | | 11// 24 | | | |
| 16. | | - | 131- | | |
| 17. | 12- | | | | |
| 18. | 17 | | | | |
| 19. | 17 | | 111 | | |
| 20. | | | | | |
| 21. | 11000 | | | | |
| 22. 23. | | 739 | (5) | | |
| 24. | | | /2/ | | |
| 25. | 100 | | | | |
| 26. | | | .47 / | | |
| 27. | | | 9/1/2 | | |
| 28. | | | */ | | |
| 29. | | 40 | | | |
| 30. | | TILLIE | | | |
| 31. | RCITYE | ICAP, | | | |
| 32. | 11110 | 1 | | | |
| 33. | | | | | |
| 34. | | | | | |
| 35. | | | | | |
| 36. | | | | | |
| 37. | | | | | |
| 38. | | | | | |





| 39. | | |
|-----|--|--|
| 40. | | |

| Case 5: Crystals associated arthropathy(gout, pseudogout) | | | | | |
|---|------------------------|----------|----------|-----------------------------|--|
| | Level of participation | Date | Location | Supervisor Signature | |
| 1. | | | | | |
| 2. | | 1 | | | |
| 3. | 2 | - A | | | |
| 4. | | | | | |
| 5. | | | - 1 | | |
| 6. | | | | | |
| 7. | 00 | | | | |
| 8. | | | | - | |
| 9. | | | | 5 | |
| 10. | | 4 211111 | 11//2 | | |
| 11. | 1 4 / | | 111/// | | |
| 12. | | | 4 | 13/ | |
| 13. | 1:27 | 110 | | | |
| 14. | 9 | | | | |
| 15. | | 107 | | L | |
| 16. | | | 1 6 V | | |
| 17. | Z | 1 Class | | | |
| 18. | 12 | | 7100 | 100 | |
| 19. | 100 | 200 | | /3/ | |
| 20. | | | / A | | |

| Case | Case 6: Sero-ve SPA (AS, Psoraitic, Reactive, others) | | | | | |
|------|---|--------|----------|----------------------|--|--|
| | Level of participation | Date | Location | Supervisor Signature | | |
| 1. | VE | DOITH | CILLI | | | |
| 2. | - | MOILAL | 100 | | | |
| 3. | | | | | | |
| 4. | | | | | | |
| 5. | | | | | | |
| 6. | | | | | | |
| 7. | | | | | | |
| 8. | | | _ | | | |
| 9. | | | | | | |





| 40 | | | |
|-----|----------|-------|------|
| 10. | | | |
| 11. | | | |
| 12. | | | |
| 13. | | | |
| 14. | | | |
| 15. | | | |
| 16. | | | |
| 17. | 10 | | |
| 18. | 1 3 | | |
| 19. | | | |
| 20. | | | |
| 21. | | | |
| 22. | | | 8 |
| 23. | | | V/ |
| 24. | 4111 | | 2.3 |
| 25. | 411111 | 111- | |
| 26. | 3/////// | 111/2 | |
| 27. | | 111/ | |
| 28. | 100 | C 00 | 13/2 |
| 29. | | 7 | |
| 30. | 3/ | 60 | |
| 31. | | | Ш |
| 32. | | 1801 | |
| 33. | V HOVE | | |
| 34. | 1 -7 1 | 70000 | / C. |
| 35. | | | |
| 36. | 15 | | |
| 37. | | | 67 |
| 38. | | | |
| 39. | | | 19. |
| 40. | | | |
| 41. | | 117 | |
| 42. | DOLTAL | CILLI | |
| 43. | MOITYF | 400 | |
| 44. | | | |
| 45. | | | |
| 46. | | | |
| 47. | | | |
| 48. | | | |
| 49. | | | |
| 50. | | | |
| | | l | |





| 51. | | | |
|-----|----|-----|--|
| 52. | | | |
| 53. | | | |
| 54. | | | |
| 55. | | | |
| 56. | | | |
| 57. | | | |
| 58. | | | |
| 59. | | 1 3 | |
| 60. | 18 | | |
| | | | |

| Case 7: Fibromyalgia | | | | |
|---|-------------|----------|---------------------------------------|--|
| Lev <mark>el of partici</mark> pat <mark>ion</mark> | Date | Location | <mark>super</mark> visor Signature | |
| 1. | 11119 | 111- | | |
| 2. | 3////// | 11//2 | | |
| 3. | | 110 | | |
| 4. | 100 | 600 | 3 | |
| 5. | | | | |
| 6. | | | | |
| 7. | | | | |
| 8. | | | > | |
| 9. | A PROPERTY. | | | |
| 10. | 1000 | (3) | | |
| 11. | | | | |
| 12. | 150 | | | |
| 13. | | | | |
| 14. | | | M. | |
| 15. | | | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | |
| 16. | | NU | | |
| 17. | PD - | THIS | | |
| 18. | RSITVE | ICOP. | | |
| 19. | .01111 | 7 | | |
| 20. | | | | |
| 22. | | | | |
| 23. | | | | |
| 23. | | | | |
| 25. | | | | |
| 26. | | | | |
| 4V• | | | | |





| 27. | | |
|-----|--|--|
| 28. | | |
| 29. | | |
| 30. | | |

| Case8: osteoporosis | | | |
|------------------------|--------|----------|----------------------|
| Level of participation | Date | Location | Supervisor Signature |
| 1. | تسا في | | |
| 2. | | | |
| 3. | | | |
| 4. | | | 7 |
| 5. | | | |
| 6. | | | |
| 7. | | 11/1- | |
| 8. | | 111/2 | |
| 9. | | 111/12 | |
| 10. | 100 | 60 | 13/2 |
| 11. | 1 | | |
| 12. | 130 | | |
| 13. | | | Ш |
| 14. | | 100/ | |
| 15. | 1 the | | |
| 16. | -10 | 7890 | (, |
| 17. | | | |
| 18. | 15 | | |
| 19. | | | |
| 20. | | | |
| 21. | | | |
| 22. | | | |
| 23. | | -117 | |
| 24. | PRITYE | ACULI | |
| 25. | TIDITY | AU | |
| 26. | | | |
| 27. | | | |
| 28. | | | |
| 29. | | | |
| 30. | | | |
| 31. | | | |
| 32. | | | |





| 111 /4-5 | | | |
|----------|-----------|-------|------------|
| 33. | | | |
| 34. | | | |
| 35. | | | |
| 36. | | | |
| 37. | | | |
| 38. | | | |
| 39. | | | |
| 40. | | | |
| 41. | 1 3 | | |
| 42. | | | |
| 43. | | | |
| 44. | | | |
| 45. | | | |
| 46. | | | V / |
| 47. | -111 | | 21 |
| 48. | | 111- | |
| 49. | -3/////// | 11/2 | |
| 50. | | 110/3 | |
| 51. | 100 | 60 | 3 |
| 52. | | | |
| 53. | | | |
| 54. | | | |
| 55. | | | |
| 56. | V Haras | | |
| 57. | 1000 | 7890 | |
| 58. | | | |
| 59. | 15 | | |
| 60. | | | .67 |
| 61. | | | |
| 62. | | | 12 |
| 63. | | | |
| 64. | | 1117 | |
| 65. | POITVE | CULI | |
| 66. | JOINT I | 10 | |
| 67. | | | |
| 68. | | | |
| 69. | | | |
| 70. | | | |
| 71. | | | |
| 72. | | | |
| 73. | | | |
| | | | |





| 74. | | | |
|------|---------|-------|--------|
| 75. | | | |
| 76. | | | |
| 77. | | | |
| 78. | | | |
| 79. | | | |
| 80. | | | |
| 81. | | | |
| 82. | | | |
| 83. | | | |
| 84. | | | |
| 85. | | | |
| 86. | | | 1 |
| 87. | | | V/ \ |
| 88. | . 1 1 1 | | ~* |
| 89. | 41111 | 111- | |
| 90. | 3////// | 11/2 | |
| 91. | | 1103 | |
| 92. | 100 | C 100 | 13/2 |
| 93. | 1 | | |
| 94. | 1 | - | |
| 95. | | | |
| 96. | | 100/ | 2 |
| 97. | V HOUSE | | |
| 98. | 1 616 | 7390 | / (;) |
| 99. | | | |
| 100. | 10 | | |
| | | | 47 |
| | | | ARY |

| Case | Case 9: Osteoarthritis & Spondylosis | | | | | |
|------|--------------------------------------|----------|----------|----------------------|--|--|
| | Level of participation | Date | Location | Supervisor Signature | | |
| 1. | VIVI | | 7117 | | | |
| 2. | , VE | RCITYE | (COP) | | | |
| 3. | | 17 1 101 | 10 | | | |
| 4. | | | | | | |
| 5. | | | | | | |
| 6. | | | | | | |
| 7. | | | | | | |
| 8. | | | | | | |
| 9. | | | | | | |
| 10. | | | | | | |





| 11. | | | |
|-----|----------|------|-----|
| 12. | | | |
| 13. | | | |
| 14. | | | |
| 15. | | | |
| 16. | | | |
| 17. | | | |
| 18. | | | |
| 19. | | | |
| 20. | | | |
| 21. | | | |
| 22. | | 7 | |
| 23. | | | |
| 24. | | | |
| 25. | -111 | | 2.3 |
| 26. | | 111- | |
| 27. | 3/////// | 11/2 | |
| 28. | | 110 | |
| 29. | 100 | (OW | 3 |
| 30. | | | |
| 31. | | | |
| 32. | | | L |
| 33. | | | > |
| 34. | V PAYOR | | |
| 35. | 1010 | 1890 | () |
| 36. | | | |
| 37. | VICT | | |
| 38. | | | 47 |
| 39. | | | |
| 40. | | | 1 |
| 41. | | | |
| 42. | | 7117 | |
| 43. | RCITYE | VC/A | |
| 44. | NOI I F | 70 | |
| 45. | | | |
| 46. | | | |
| 47. | | | |
| 48. | | | |
| 49. | | | |
| 50. | | | |
| 51. | | | |
| | | | |





| 52. | | | |
|-----|-----------|-------|------------|
| 53. | | | |
| 54. | | | |
| 55. | | | |
| 56. | | | |
| 57. | | | |
| 58. | | | |
| 59. | | | |
| 60. | 1 3 | | |
| 61. | | | 5 |
| 62. | | | |
| 63. | | | |
| 64. | | | |
| 65. | | | V / |
| 66. | -111 | | 2.3 |
| 67. | 11111 | 111- | |
| 68. | 2///// | 11/2 | |
| 69. | | 110/3 | |
| 70. | 100 | 600 | 1. |
| 71. | | | |
| 72. | | - | , |
| 73. | | | Щ |
| 74. | | 100/ | 1 |
| 75. | W. Howard | | |
| 76. | 100 | 78900 | / (; / |
| 77. | | | / |
| 78. | NO | | |
| 79. | | | 12 |
| 80. | | | AL V |
| 81. | | | 19. |
| 82. | | | |
| 83. | | 117 | |
| 84. | DOLLAR | CIL | |
| 85. | A DITY F | 100 | |
| 86. | | | |
| 87. | | | |
| 88. | | | |
| 89. | | | |
| 90. | | | |
| 91. | | | |
| 92. | | | |
| | 1 | 1 | |





| 93. | | |
|------|---|--|
| 94. | | |
| 95. | | |
| 96. | | |
| 97. | | |
| 98. | | |
| 99. | ~ | |
| 100. | | |

| | 1 | جام | | | | |
|-----------|------------------------|--------|----------|----------------------|--|--|
| Case 1 | Case 10: Low back pain | | | | | |
| | Level of participation | Date | Location | Supervisor Signature | | |
| 1. | 10// | | | V/\ | | |
| 2. | | _ 111 | | | | |
| 3. | | | | | | |
| 4. | | | 111/2 | | | |
| 5. | | | 11/1/20 | | | |
| 6. | | 100 | . 600 | 13/2 | | |
| 7. | 30 | | | | | |
| 8. | | 37 | | | | |
| 9. | 2 | 17 | | | | |
| 10. | | | | | | |
| 11. | P | VHAVA | | | | |
| 12. | 7 | | | C | | |
| 13. | 100 | | | /2/ | | |
| 14. | | 1 | | | | |
| 15. | 191 | | | 67 | | |
| 16. | 150 | | | | | |
| 17. | 7 | | | 14. | | |
| 18. | 7// | | (0) | | | |
| 19. | VIVIV | | 111 | | | |
| 20. | - IVE | Doine | CILLI | | | |
| 21. | la la | MOTTYF | 100 | | | |
| 22. | | | | | | |
| 23. | | | | | | |
| 24. | | | | | | |
| 25. | | | | | | |
| 26. | | | | | | |
| 27. | | | | | | |
| 28. | | | | | | |





| | 1 | | |
|-----|----------|-------|------|
| 29. | | | |
| 30. | | | |
| 31. | | | |
| 32. | | | |
| 33. | | | |
| 34. | | | |
| 35. | | | |
| 36. | | | |
| 37. | 1 3 | | |
| 38. | | | |
| 39. | | | |
| 40. | | | |
| 41. | | | |
| 42. | | | V/ |
| 43. | . 111 | | 2.4 |
| 44. | 41111 | 111- | |
| 45. | 3/////// | 11/2 | |
| 46. | | 1103 | |
| 47. | 100 | C 100 | 13/2 |
| 48. | | | |
| 49. | No. | 60 | |
| 50. | | | Ш |
| 51. | | 100/ | > |
| 52. | V Freeze | | |
| 53. | 10110 | 7350 | |
| 54. | | | |
| 55. | 10 | | 0' |
| 56. | | | |
| 57. | | | |
| 58. | | | 19 |
| 59. | | | |
| 60. | | 117 | |
| 61. | DOLLY | CIL | |
| 62. | DITT | 100 | |
| 63. | | | |
| 64. | | | |
| 65. | | | |
| 66. | | | |
| 67. | | | |
| 68. | | | |
| 69. | | | |
| | | | |





| 70. | | | |
|------|---------|-------|-------|
| 71. | | | |
| 72. | | | |
| 73. | | | |
| 74. | | | |
| 75. | | | |
| 76. | | | |
| 77. | | | |
| 78. | | | |
| 79. | | | |
| 80. | | | |
| 81. | | | |
| 82. | | | |
| 83. | | | V/ \ |
| 84. | . 111 | | 2 |
| 85. | -41111 | 111- | |
| 86. | 3////// | 11/2 | |
| 87. | | 1103 | |
| 88. | 100 | 600 | 3 |
| 89. | | | |
| 90. | | | |
| 91. | | | F |
| 92. | | | |
| 93. | V Hass | | |
| 94. | 1 -16 | 78900 | () |
| 95. | | | |
| 96. | 150 | | |
| 97. | | | .4. |
| 98. | | | |
| 99. | | | |
| 100. | | | |
| | | 40 64 | AND . |

| Case 11: Regional joints, soft tissue pain & entrapment neuropathy | | | | | | |
|--|------------------------|------|----------|----------------------|--|--|
| | Level of participation | Date | Location | Supervisor Signature | | |
| | | | | | | |
| 1. | | | | | | |
| 2. | | | | | | |
| 3. | | | | | | |
| 4. | | | | | | |





| 5. | | | |
|------------|-----------|----------|---|
| 6. | | | |
| 7. | | | |
| 8. | | | |
| 9. | | | |
| 10. | | | |
| 11. | | | |
| 12. 13. | | | |
| 13. | 1 3 | | |
| 14. | 1 | | |
| 15. | | 1 | |
| 16. | | | |
| 17. | | | 4 |
| 18. | | | V/ |
| 19. | 4111 | | 2.1 |
| 20. | 41111 | 111- | |
| 21. | 3/////// | 111/2 | |
| 22. | | 1111/3 | |
| 23. | 100 | C 1000 | 13/2 |
| 24. | | | |
| 25. | 1 | | |
| 26. | | | Ш |
| 27. | | 1901 | |
| 28. | V. Howard | | |
| 29. | 1010 | 1000 | / C. / |
| 30. | | | |
| 31. | 1151 | | |
| 32. | | | |
| 33. | | | |
| 34. | | | 111111111111111111111111111111111111111 |
| 35. | | | |
| 36. | | 117 | |
| 37. | DOLTVE | CILLI | |
| 38. | MOTTY | 400 | |
| 39. | | | |
| 40. | | | |
| 41. | | | |
| 42. | | | |
| 43. | | | |
| 44. | | | |
| 45. | | | |
| | | <u> </u> | |





| 46. | | | |
|-------------------|------------|-------|---------|
| 47. | | | |
| 48. | | | |
| 49. | | | |
| 50. | | | |
| 51. | | | |
| 52. | | | |
| 53. | | | |
| 52. 53. 54. | | | |
| 55. | | | |
| 56. | | | |
| 57. | | | |
| 58. | | | 2 4 |
| 59. | | | |
| 60. | -111 | | |
| 61. | 11/1/2 | 111- | |
| 62. | 3/////// | 111/2 | |
| 63. | | 110/2 | |
| 64. | 100 | - CO | 13/2 |
| 65. | | | |
| 66. | | | |
| 67. | | | Ш |
| 68. | | 1901 | |
| 69. | V. However | | |
| 70. | 1 -11 | 7382 | / (, / |
| 71. | - | | |
| 72. | NOV | | 10.1 |
| 73. | | | 1.67 |
| 74. | | | |
| 75. | | | 14. |
| 76. | | | |
| 77. | | 117 | |
| 78. | DOLLY | CILLI | |
| 79. | MOINT | 100 | |
| 80. | | | |
| 81. | | | |
| 82. | | | |
| 83. | | | |
| 84. | | | |
| 85. | | | |
| 86. | | | |
| | 1 | | |





| | 1117100 | | |
|------|---------|--|-----|
| 87. | | | |
| 88. | | | |
| 89. | | | |
| 90. | | | |
| 91. | | | |
| 92. | | | |
| 93. | | | |
| 94. | | | |
| 95. | | | |
| 96. | 8 | | |
| 97. | | N. Committee of the com | |
| 98. | | | |
| 99. | | | |
| 100. | | | V/\ |
| | | tre | 2.1 |
| | | | |

| Case | Case 12: Reflex sympathetic dystrophy | | | | | | | | |
|------|---------------------------------------|-------------|-------|-------------------|----------------------|--|--|--|--|
| | Level of pa | rticipation | Date | Location | Supervisor Signature | | | | |
| 3 | 2 | | 7 3 = | | | | | | |
| 1. | -0 | | | | | | | | |
| 2. | | | 2 1 | | 111 | | | | |
| 3. | 5 | 1 | 20 | 200 | 4 | | | | |
| 4. | V | 7 | Y)aa | a constitution of | | | | | |
| 5. | 7 | 17 | | | | | | | |

| Case | Case 13: Vasculitis & Behcet's | | | | | |
|------|--------------------------------|--------|----------|----------------------|--|--|
| | Level of participation | Date | Location | Supervisor Signature | | |
| | 171 | | 1 | 10. | | |
| 1. | 1/// | | 101 | | | |
| 2. | 7////- | | -1117 | | | |
| 3. | , VE | RCITYE | ICUL! | | | |
| 4. | | TO TO | 100 | | | |
| 5. | | | | | | |
| 6. | | | | | | |
| 7. | | | | | | |
| 8. | | | | | | |
| 9. | | | | | | |
| 10. | | | | | | |





| Case 14: Arthritis as a mai | nifestation of | systemic disea | ses |
|-----------------------------|----------------|--------------------------------|----------------------|
| Level of participation | Date | Location | Supervisor Signature |
| 1. | | | |
| 2. | | | |
| 3. | | | |
| 4. | | | |
| 5. | | | |
| 6. | | | |
| 7. 8. | | - 1 | |
| 9. | | | |
| 10. | | | V // |
| Case 15: Osteonecrosis (A) | VN) | III. | 2. |
| Level of participation | Date | Location | Supervisor Signature |
| 1. | - 10- | 40,0 | 13/2 |
| 2. | | -1 | |
| 3. | 137 | | Ш |
| 4. | 1 Year | | 3 |
| 5. | -112 | 7300 | 101 |
| 6. | | | /6/ |
| 7. | | | 101 |
| 8. | | | M. |
| 9. | | 210 | |
| 10. | FDOITH | CILLI | |
| Case 16: Rare Cases (Poly | chondritis, sa | arc <mark>oidosis, a</mark> my | vloidosis) |
| Level of participation | Date | Location | Supervisor Signature |
| 1. | | | |
| 2 | | | |
| 2. | | | |





Section III: Procedures

| Name of the procedure | Total number required | Observer | Assistant | Independent |
|--|-----------------------|----------|-----------|-------------|
| Joint aspiration & Local injection (intrarticular & soft tissue injection) | 50 | 25 | 15 | 10 |
| NCS & EMG | 50 | 20 | 20 | 10 |
| interpret Diagnostic tests procedures | 100 | 40 | 30 | 30 |
| and laboratory markers in rheumatic | B | 6, | | |
| diseases | | - | 4 | |
| Interpret Imaging of musculoskeletal | 100 | 50 | 25 | 25 |
| system& bone density measurement. | | | | |
| design rehabilitation program in | 100 | 40 | 30 | 30 |
| patients with rheumatologic | 14111117 | | 2 | |
| disorders (arthritis, pain, | MHHHH | 78 | | |
| osteoporosisetc) | | // | | |
| Construct Rehabilitation of | 100 | 40 | 30 | 30 |
| neurological disorders (stroke, spinal | | - 0 | | |
| cord injuries, multiple sclerosis, | 7 | | | 1 |
| spasticity,etc) | | | | 1 |
| Construct Rehabilitation of | 100 | 40 | 30 | 30 |
| orthopedic, traumatic conditions, | 1 | 00 | | |
| and sport injuries. | -100 | 9 | 10 | |
| Construct Rehabilitation of scoliosis, | 50 | 20 | 20 | 10 |
| amputee, after joint replacement, | 1510 | | 1.0 | / |
| vascular diseases and diabetic foot. | | | | |
| Practice and evaluate Gait training. | 20 | 10 | 5 | 5 2 |
| Construct Rehabilitation of cardiac | 10 | 5 | 3 | 2 |
| patients | | 70 | | |
| Construct Pulmonary Rehabilitation | 20 | 10 | 5 | 5 |
| Prescribe and adapt orthosis and | 50 | 20 | 20 | 10 |
| prothesis | | | | |





Procedure1: Joint aspiration & Local injection (intrarticular & soft tissue injection)

| Level of participation | Date | Location | Supervisor Signature |
|------------------------|----------|----------|----------------------|
| 1. | | | |
| 2. | | | |
| 3. | 1 0 | | |
| 4. | | (| |
| 5. | | | |
| 6. | | A | 1 |
| 7. | | | 2 |
| 8. | H.B. | 11. | |
| 9. | 3/////// | 1111/2 | |
| 10. | -11 | 600 | 3 |
| 11. | | | N. |
| 12. | 17 | 20 | Щ |
| 13. | Maas | | < |
| 14. | 211 | 7800 | 6 |
| 15. | | | |
| 16. | | | |
| 17. | | | |
| 18. | | 01 | |
| 19. | Douglas | THIS | |
| 20. | TS TY F | 400- | |
| 21. | | | |
| 22. | | | |
| 23. | | | |
| 24. | | | |
| 25. | | | |





| 26. | | | |
|-----|---------|---------|------|
| 27. | | | |
| 28. | | | |
| 29. | | | |
| 30. | | | |
| 31. | .1 2 | | |
| 32. | , | | |
| 33. | | | |
| 34. | | R | 1 |
| 35. | | | 5 |
| 36. | | 111. | |
| 37. | 3////// | 11/1/20 | |
| 38. | 730 | 10 10m | 13/2 |
| 39. | 15 | | D. |
| 40. | 37 | | Ш |
| 41. | Ylass | | < |
| 42. | 1 - 11 | 7392 | 5 |
| 43. | | | |
| 44. | | | |
| 45. | | 1 | M. |
| 46. | | 10 | |
| 47. | Delevie | CILLI | |
| 48. | USIIA L | 400 | |
| 49. | | | |
| 50. | | | |





Procedure 2: NCS &EMG

| Level of participation | Date | Location | Supervisor Signature |
|------------------------|----------|----------|----------------------|
| 1. | | | |
| 2. | | | |
| 3. | 1 0 | | |
| 4. | 1 | 6 | |
| 5. | | 1 | |
| 6. | | A | 1 |
| 7. | | | - 5 |
| 8. | I Fig. | 11/2 | |
| 9. | 3/////// | 1111/5 | |
| 10. | - 10 | 600 | 3 |
| 11. | | | |
| 12. | 37 | | Ш |
| 13. | Marie | | N |
| 14. | -11 | 7300 | 6 |
| 15. | | | |
| 16. | | | |
| 17. | | | M. |
| 18. | | 10 | |
| 19. | 00- | TILLO | |
| 20. | MSITYF | 100- | |
| 21. | | | |
| 22. | | | |
| 23. | | | |
| 24. | | | |
| 25. | | | |





| 26. | | | |
|-----|---------|---------|------|
| 27. | | | |
| 28. | | | |
| 29. | | | |
| 30. | | | |
| 31. | .1 2 | | |
| 32. | , | | |
| 33. | | | |
| 34. | | R | 1 |
| 35. | | | 5 |
| 36. | | 11. | |
| 37. | 3////// | 11/1/20 | |
| 38. | 730 | 6,00 | 13/2 |
| 39. | 15 | | D. |
| 40. | 37 | | Ш |
| 41. | Ylass | | < |
| 42. | 1 - 11 | 7392 | 5 |
| 43. | | | |
| 44. | | | |
| 45. | | 1 | M. |
| 46. | | 10 | |
| 47. | Delevie | CILLI | |
| 48. | USIIA L | 400 | |
| 49. | | | |
| 50. | | | |





Procedure 3: interpret Diagnostic tests procedures and laboratory markers in rheumatic diseases

| Level of participation | Date | Location | Supervisor Signature |
|------------------------|---------|----------|----------------------|
| 1. | | | |
| 2. | | | |
| 3. | 1 - | | |
| 4. | بام | 1 | 0 |
| 5. | | 1 | |
| 6. | | No. | 1 |
| 7. | | | |
| 8. | | D. | \ P'\ |
| 9. | 3////// | 111//- | |
| 10. | 312 | 600 | 35 |
| 11.2 | | To you | IV |
| 12. | 17 | | Ш |
| 13. | Maga | | |
| 14. | | 73000 | 6 |
| 15. | | | |
| 16. | | | |
| 17. | | | M. |
| 18. | | 010 | |
| 19. | DOING | CHLTY | |
| 20. 21. | USITA E | 100 | |
| 22. | | | |
| 23. | | | |
| 24. | | | |
| 25. | | | |
| ≝ ∪° | | | |





| 111 1/10-2 | | | |
|------------|---------|--------|-----|
| 26. | | | |
| 27. | | | |
| 28. | | | |
| 29. | | | |
| 30. | | | |
| 31. | 1 0 | | |
| 32. | باعر | (| |
| 33. | | | |
| 34. | | | |
| 35. | | | 7 |
| 36. | 1119 | 17/- | |
| 37. | 2////// | 111/1- | |
| 38. | - 1 | 600 | 3 |
| 39. | | | |
| 40. | 17 | 30 | Ш |
| 41. | Marie | | < |
| 42. | 1511 | 7300 | (5) |
| 43. | - | - | |
| 44. | 7 | | (1) |
| 45. | | | M |
| 46. | | 10 | |
| 47. | Do | TILLO | |
| 48. | MSTYF | 4000 | * |
| 49. | | | |
| 50. | | | |
| 51. | | | |
| 52. | | | |
| _ | • | • | |





| red in Augus | | | MILITARY |
|--------------|---------|----------|----------|
| 53. | | | |
| 54. | | | |
| 55. | | | |
| 56. | | | |
| 57. | | | |
| 58. | 1 | | |
| 59. | | | |
| 60. | 0 | | |
| 61. | | | |
| 62. | | | - 2 |
| 63. | 1990 | 1111- | |
| 64. | | 1111/1-2 | |
| 65. | 1 - 10- | 600 | 3 |
| 66. | | - | V |
| 67. | 1 37 | | Ш |
| 68. | Y Has | | 3 |
| 69. | 515 | 7800 | 6 |
| 70. | - | | /5/ |
| 71. | | | |
| 72. | | | M |
| 73. | 1 | 010 | |
| 74. | VEDO | 101117 | |
| 75. | LASITYF | ACOL | |
| 76. | | | |
| 77. | | | |
| 78. | | | |
| 79. | | | |
| | | | |





| od in Augo | | | | | | |
|--------------------------------|---|----------|-----------------|--|--|--|
| 80. | | | | | | |
| 81. | | | | | | |
| 82. | | | | | | |
| 83. | | | | | | |
| 84. | | | | | | |
| 85. | A | | | | | |
| 86. | بسام | | | | | |
| 87. | 4 | - 1 | | | | |
| 88. | | - | | | | |
| 89. | | | // \ | | | |
| 90. | | | 2 | | | |
| | | 11/2 | | | | |
| 91. | | 111/1/20 | | | | |
| 92. | - 10- | 000 | 17/2 | | | |
| 93. | | -1 | | | | |
| 94. | | | Ш | | | |
| 95. | Ylass | | ~ | | | |
| 96. | 1216 | 7300 | 5 | | | |
| 97. | | | | | | |
| 98. | | | (4) | | | |
| 99. | | | M | | | |
| 100. | | 101 | | | | |
| VIVIVI | VED | | | | | |
| Proceedings As Interpret Image | and we de Interpret I was in a of my coulod a lot of greaters. So have denotity | | | | | |

| Procedure 4: Interpret Imaging of musculoskeletal system & bone density measurement. | | | | |
|--|--|--|--|--|
| Level of participation Date Location Supervisor Signat | | | | |
| 1. | | | | |
| 2. | | | | |





| 3. | |
|-----|------|
| 4. | |
| 5. | |
| 6. | |
| 7. | |
| 8. | |
| 9. | |
| 10. | |
| 11. | |
| 12. | - 5 |
| 13. | |
| 14. | |
| 15. | 3 - |
| 16. | 1 |
| 17. | |
| 18. | |
| 19. | 5 6 |
| 20. | |
| 21. | |
| 22. | CM. |
| 23. | ~(0) |
| 24. | |
| 25. | |
| 26. | |
| 27. | |
| 28. | |
| 29. | |





| 111 142 | |
|---------------------------------------|------|
| 30. | |
| 31. | |
| 32. | |
| 33. | |
| 34. | |
| 35. | |
| 36. | |
| 37. | |
| 38. | |
| 39. | * |
| 40. | |
| 41. | |
| 42. | 13/2 |
| 43. | V. |
| 44. | Ш |
| 45. | > |
| 46. | 6 |
| 47. | |
| 48. | |
| 49. | M |
| 50. | |
| 51. | |
| 52. | |
| 53. | |
| 54. | |
| 55. | |
| 56. | |
| · · · · · · · · · · · · · · · · · · · | • |





| 111 1400 | | | |
|------------|----------|-------|------|
| 57. | | | |
| 58. | | | |
| 59. | | | |
| 60. | | | |
| 61. | | | |
| 62. | .1 3 | | |
| 63. | 1 | 6 | |
| 64. | | | |
| 65. | | | 1 |
| 66. | | | - |
| 67. | 1111 | 11/2 | |
| 68. | 3/11/11/ | 11/// | |
| 69. | - 10- | 600 | 13/2 |
| 70. | 15 | | V- |
| 71. | 37 | | Ш |
| 72. | Ylas | | < |
| 73. | -110 | 7392 | 5 |
| 74. | | | |
| 75. | | | |
| 76. | | | M. |
| 77. | | 10 | |
| 78. | POLITYE | CULTY | |
| 79. | 13/1/1/ | 400 | |
| 80. 81. | | | |
| 82. | | | |
| 83. | | | |
| 05. | | | |





| od III Aug | | | |
|------------|----------|---------|-----|
| 84. | | | |
| 85. | | | |
| 86. | | | |
| 87. | | | |
| 88. | | | |
| 89. | 1 0 | | |
| 90. | جا م | | 2. |
| 91. | | | |
| 92. | | A | 1 |
| 93. | | | 7. |
| 94. | -41 | 111. | 181 |
| 95. | 3/11/11/ | 111/1-2 | |
| 96. | - 10- | 600 | 3 |
| 97. | A COUNTY | | V |
| 98. | 17 | 20 | Ш |
| 99. | Ylass | | 2 |
| 100. | 1211 | 73000 | (5) |
| | | | |

Procedure 5: design rehabilitation program in patients with rheumatologic disorders (arthritis, pain, osteoporosisetc)

| | Level of participation | Date | Location | Supervisor Signature |
|----|------------------------|----------|----------|----------------------|
| 1. | IVE | RCITYE | CULI' | |
| 2. | | ודדווסיי | 100 | |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |
| 6. | | | | |





| 111 1723 | |
|----------|----------|
| 7. | |
| 8. | |
| 9. | |
| 10. | |
| 11. | |
| 12. | |
| 13. | 6 |
| 14. | |
| 15. | |
| 16. | 3 |
| 17. | /- |
| 18. | // |
| 19. | 13/2 |
| 20. | -1 |
| 21. | M M |
| 22. | |
| 23. | 5 / 6 / |
| 24. | |
| 25. | |
| 26. | |
| 27. | 101 |
| 28. | ILLTY |
| 29. | O P |
| 30. | |
| 31. | |
| 32. | |
| 33. | |
| <u> </u> | <u> </u> |





| THE STATE OF THE S | |
|--|-------|
| 34. | |
| 35. | |
| 36. | |
| 37. | |
| 38. | |
| 39. | |
| 40. | |
| 41. | |
| 42. | N. A. |
| 43. | 1 |
| 44. | |
| 45. | |
| 46. | 3 |
| 47. | |
| 48. | Ш |
| 49. | / < |
| 50. | 10 |
| 51. | 1/2/ |
| 52. | 1.43 |
| 53. | |
| 54. | 0/ |
| 55. | |
| 56. | |
| 57. | |
| 58. | |
| 59. | |
| 60. | |
| | , |





| - 111 14-9 | | | |
|------------|--------|-------|-----|
| 61. | | | |
| 62. | | | |
| 63. | | | |
| 64. | | | |
| 65. | | | |
| 66. | .1 0 | | |
| 67. | | 6 | |
| 68. | | | |
| 69. | | A | 1 |
| 70. | | | - 5 |
| 71. | 1177 | 1112 | |
| 72. | 1 | 111// | |
| 73. | - | 600 | 3 |
| 74. | | | |
| 75. | 12 | | E |
| 76. | Mass | | 3 |
| 77. | 1511 | 7300 | 6 |
| 78. | - | | |
| 79. | | | |
| 80. | | 1 | M |
| 81. | | 010 | |
| 82. | Do | CILLY | |
| 83. | MSITYF | 400- | |
| 84. | | | |
| 85. | | | |
| 86. | | | |
| 87. | | | |
| | | | |





| - 111 703 | | | |
|-----------|---------|-------|---------|
| 88. | | | |
| 89. | | | |
| 90. | | | |
| 91. | | | |
| 92. | | | |
| 93. | 1 - | | |
| 94. | جسا هرو | (| 2 |
| 95. | | | |
| 96. | | N. A. | 1 |
| 97. | | | 7 |
| 98. | 1975 | 11/2 | |
| 99. | 3////// | 111// | |
| 100. | - 10- | 6,00 | 13/2 |
| 1 4 9 7 | 1 1 9/ | 1177 | 1 1 2 2 |

Procedure 6: Construct Rehabilitation of neurological disorders (stroke, spinal cord injuries, multiple sclerosis, spasticity.....etc)

| 1 | Level of participation | Date | Location | Su <mark>pervisor</mark> Signature |
|-----|------------------------|--------|-----------------|------------------------------------|
| 1. | 5 | - | | 151 |
| 2. | 191 | , | | (42) |
| 3. | P | | | M |
| 4. | 7/// | | 10 | |
| 5. | VIVE | Da | TILLO | |
| 6. | 7. | MSITYF | 1000 | |
| 7. | | | | |
| 8. | | | | |
| 9. | | | | |
| 10. | , | | | |





| III Aug | |
|------------------------|------|
| 11. | |
| 12. | |
| 13. | |
| 14. | |
| 15. | |
| 16. | |
| 17. | |
| 18. | |
| 19. | |
| 20. | - 4 |
| 21. | |
| 22. | |
| 23. | 15/- |
| 24. | V. |
| 25. | Щ |
| 26. | |
| 27. | 15 |
| 28. | |
| 29. | |
| 30. | M |
| 31. | |
| 32. | |
| 33. - TSTY FACO | |
| 34. | |
| 35. | |
| 36. | |
| 37. | |
| | |





| THE ACT OF THE PROPERTY OF THE | |
|--|--|
| 38. | |
| 39. | |
| 40. | |
| 41. | |
| 42. | |
| 43. | |
| 44. | 6. |
| 45. | |
| 46. | The state of the s |
| 47. | 1 |
| 48. | |
| 49. | / · · · · · · · · · · · · · · · · · · |
| 50. | 13/2 |
| 51. | |
| 52. | M |
| 53. | |
| 54. | 5 6 |
| 55. | / 1/5/ |
| 56. | |
| 57. | M |
| 58. | 101 |
| 59. | 11.77 |
| 60. | |
| 61. | |
| 62. | |
| 63. | |
| 64. | |
| | |





| - 111 14-5 | | | |
|------------|----------|-------|-----|
| 65. | | | |
| 66. | | | |
| 67. | | | |
| 68. | | | |
| 69. | | | |
| 70. | 1 0 | | |
| 71. | 1 | 6 | |
| 72. | | / | |
| 73. | | A | 1 |
| 74. | | | 3 |
| 75. | 1720 | 111. | |
| 76. | 3/////// | 111// | |
| 77. | - 10- | 600 | 3 |
| 78. | | -1 | |
| 79. | 32 | | Ш |
| 80. | Mary | | N |
| 81. | 1511 | 7000 | 5 |
| 82. | | | /3/ |
| 83. | | | (2) |
| 84. | | | |
| 85. | | 010 | |
| 86. | Do | CILLY | |
| 87. | MSITYF | 4000 | |
| 88. | | | |
| 89. | | | |
| 90. | | | |
| 91. | | | |
| | | | |





| 92. | | | |
|------|----|-----|----|
| 93. | | | |
| 94. | | | |
| 95. | | | |
| 96. | | | |
| 97. | | 1 . | |
| 98. | 1 | 1 6 | |
| 99. | | - | |
| 100. | 13 | | V. |

Procedure 7: Construct Rehabilitation of orthopedic, traumatic conditions, and sport injuries.

| Level of participation | ation Date | Location | Supervisor Signature |
|------------------------|------------|----------|----------------------|
| 1. | 115 | 7 | I V |
| 2. | 137 | | m |
| 3. | Year | | |
| 4. | 1 -300 | 782 | 10 |
| 5. | | | |
| 6. | | | W / |
| 7. | | | HI |
| 8. | /IV | 1240 | |
| 9. | VERGITY | - CULL' | |
| 10. | -1101111 | AGG | |
| 11. | | | |
| 12. 13. | | | |
| 14. | | | |
| 14. | | | |





| -4 III Aug | | | |
|------------|----------|---------|----|
| 15. | | | |
| 16. | | | |
| 17. | | | |
| 18. | | | |
| 19. | | | |
| 20. | 1 3 | | |
| 21. | , | 6 | |
| 22. | | | |
| 23. | | P | |
| 24. | | | 74 |
| 25. | 1111 | 111. | |
| 26. | 3/////// | 11/1/20 | |
| 27. | - 11- | 600 | 3 |
| 28. | 15 | - | V. |
| 29. | 17 | | Ш |
| 30. | Ylass | | 3 |
| 31. | -11 | 7392 | 6 |
| 32. | - | | |
| 33. | | | |
| 34. | | 1 | M |
| 35. | | 10 | |
| 36. | DOUELLE | CULTY | |
| 37. | TS TYF | 100 | |
| 38. | | | |
| 39. | | | |
| 40. | | | |
| 41. | | | |
| | | | |





| THE CONTRACTOR OF THE CONTRACT | | |
|--|----------|-----|
| 42. | | |
| 43. | | |
| 44. | | |
| 45. | | |
| 46. | | |
| 47. | | |
| 48. | | |
| 49. | -1 | |
| 50. | N. A. L. | |
| 51. | 1 | |
| 52. | 1/2 | |
| 53. | 11// | lu. |
| 54. | 40 0 | |
| 55. | 31 | |
| 56. | THE WAY | |
| 57. | 3 | |
| 58. | 75 / 6 | |
| 59. | -/// | |
| 60. | | |
| 61. | I M. | |
| 62. | 101 | |
| 63. | CILLTY | |
| 64. | 1000 | |
| 65. | | |
| 66. | | |
| 67. | | |
| 68. | | |
| | L | |





| red in Augus | | | MITTAL |
|--------------|----------|--------|--------|
| 69. | | | |
| 70. | | | |
| 71. | | | |
| 72. | | | |
| 73. | | | |
| 74. | 1 | | |
| 75. | سا می | | |
| 76. | | - 1 | |
| 77. | | | |
| 78. | | | - 5 |
| 79. | 1111 | 1111 | |
| 80. | | 111//- | |
| 81. | - 10- | 600 | 3 |
| 82. | | - | V |
| 83. | 137 | | Ш |
| 84. | Year | | 3 |
| 85. | 2112 | 7300 | 5 |
| 86. | | | |
| 87. | | | |
| 88. | | | |
| 89. | | 101 | |
| 90. | VEDO | TILLO | |
| 91. | -MSITY F | AGO | |
| 92. | | | |
| 93. | | | |
| 94. | | | |
| 95. | | | |
| | | | |





| 96. | | |
|------|--|--|
| 97. | | |
| 98. | | |
| 99. | | |
| 100. | | |

| Procedure 8: Construct Rehabilitation of scoliosis, amputee, after joint replacement, vascular diseases and diabetic foot. | | | | |
|--|--------|----------|----------------------|--|
| Level of participation | Date | Location | Supervisor Signature | |
| 1. | | | - 2 | |
| 2. | 1111 | 11/2 | | |
| 3. | 3///// | 111// | | |
| 4. | - 10- | 600 | 3 | |
| 5. | 1 | | V. | |
| 6. | 17 | | Ш | |
| 7. | Ylass | | | |
| 8. | -11 | 7300 | 6 | |
| 9. | - | | | |
| 10. | | | | |
| 11. | | 1 | M. | |
| 12. | | 10 | | |
| 13. | Double | CILLI | | |
| 14. | TOITYF | 100 | | |
| 15. | | | | |
| 16. | | | | |
| 17. | | | | |
| 18. | | | | |





| 111 1/22 | |
|----------|-------|
| 19. | |
| 20. | |
| 21. | |
| 22. | |
| 23. | |
| 24. | |
| 25. | |
| 26. | |
| 27. | R. |
| 28. | |
| 29. | |
| 30. | |
| 31. | 3 |
| 32. | |
| 33. | Ш |
| 34. | / < |
| 35. | (6) |
| 36. | 1/2/ |
| 37. | |
| 38. | |
| 39. | OY |
| 40. | |
| 41. | |
| 42. | |
| 43. | |
| 44. | |
| 45. | |
| | , |





| 46. | | |
|-----|--|--|
| 47. | | |
| 48. | | |
| 49. | | |
| 50. | | |

| Procedure 9: Practise and evaluate gait training | | | |
|--|----------|----------|----------------------|
| Level of participation | Date | Location | Supervisor Signature |
| 1. | | | |
| 2. | .111 | | p-1 |
| 3. | 11/1/2- | 11/2 | |
| 4. | | 11/1/2 | |
| 5. | 7.15 | 300 | |
| 6. | | | |
| 7. 3 | | 32 3 | |
| 8. | CHARAC | 100 J | |
| 9. | -100 | | 101 |
| 10. | 700 | | 101 |
| 11. | | | W/ |
| 12. | | 1 | Mi. |
| 13. | | NO | |
| 14. | POITVE | CAPI, | |
| 15. | ASIIY FI | 10- | |
| 16. | | | |
| 17. | | | |
| 18. | | | |
| 19. | | | |





| 20. | | |
|-----|--|--|

| Procedure 10: Construct Rehal | rocedure 10: Construct Rehabilitation of cardiac patients. | | | |
|-------------------------------|--|-----------|----------------------|--|
| Level of participation | Date | Location | Supervisor Signature | |
| 1. | 1 | | | |
| 2. | | | | |
| 3. | | - 1 | | |
| 4. | | 6 | | |
| 5. | | | V / | |
| 6. | 1111 | Tr | 2 | |
| 7. | 2///// | 111//- | | |
| 8. | 5 1 | - C - C - | 3 | |
| 9. | | 7 | V | |
| 10. | 17 | | Lu | |

| Proce | Procedure 11: Construct pulmonary Rehabilitation | | | | |
|-------|--|--------|----------|-------------------------------------|--|
| | Level of participation | Date | Location | S <mark>uperviso</mark> r Signature | |
| 1. | 191 | 7. | | (42) | |
| 2. | P | | | M. | |
| 3. | 7/// | | 10 | | |
| 4. | VIVIVE | Do | CILLY | | |
| 5. | 7 | MSITYF | 1000 | | |
| 6. | | | | | |
| 7. | | | | | |
| 8. | | | | | |
| 9. | | | | | |





| 10. | | | |
|-----|------|------|----|
| 11. | | | |
| 12. | | | |
| 13. | | | |
| 14. | | | |
| 15. | 1 0 | | |
| 16. | 1 | 6 | |
| 17. | | 1 | |
| 18. | | A | 1 |
| 19. | | | |
| 20. | 1111 | 111. | |
| 3/ | | 11/2 | 34 |

| Procedure 12: Prescribe and adapt orthosis and prothesis | | | |
|--|-------------|-----------------|------------------------------------|
| Level of participation | Date | Location | Sup <mark>ervisor Signature</mark> |
| 13 | 17 | 189 | Щ |
| 2. | Thank | | |
| 3. | -100 | | 101 |
| 4. | 10 | | 6 |
| 5. | | | W/ |
| 6. | 1000 | 100 | M. |
| 7. | | 10, | |
| 8. | DOLLANT | CILLI | |
| 9. | 191144 | 400 | |
| 10. | | | |
| 11. | | | |
| 12. | | | |
| 13. | | | |





| THE CONTRACTOR OF THE CONTRACT | |
|--|------|
| 14. | |
| 15. | |
| 16. | |
| 17. | |
| 18. | |
| 19. | |
| 20. | |
| 21. | |
| 22. | 8 / |
| 23. | - |
| 24. | |
| 25. | |
| 26. | 13/- |
| 27. | |
| 28. | Ш |
| 29. | |
| 30. | (5) |
| 31. | |
| 32. | 1.43 |
| 33. | M |
| 34. | |
| 35. | |
| 36 ASTYFAU | |
| 37. | |
| 38. | |
| 39. | |
| 40. | |
| 1 | ı |





| 41. | | | | |
|-----|-----|-----|-------|----|
| 42. | | | | |
| 43. | | | | |
| 44. | | | | |
| 45. | | | | |
| 46. | | 1 - | | |
| 47. | 1 | 1 | 6 | |
| 48. | | | . / | |
| 49. | (N | | N. W. | 1 |
| 50. | | | | */ |
| L | | | - | |

Level of participation:

Observer

Assistant

WINIVERSITY FACULTY OF MILES Independent





Section IV: Seminars

Requirements:

1- Seminar attendance: 70

2- Seminar performance: 1 Rheumatology &1 Rehabilitation

1- Attendance

| Topic | Date | Supervisor Signature |
|---------------|-------|----------------------|
| 1- | | |
| 2- | | |
| 3- | 11. | |
| 4- | 11//- | |
| 5- | - | 3 |
| 6- | | |
| 7- | 2 | 111 |
| 8- | | 3 |
| 9- | | |
| 10- | | 10 |
| 11- | | |
| 12- | | |
| 13- | | M |
| 14- | 0 | |
| 15- | THIT | |
| 16- ERSITY FA | CAL | |
| 17- | | |
| 18- | | |
| 19- | | |
| 20- | | |
| 21- | | |
| 22- | | |





| 23- | |
|-----|---------|
| 24- | |
| 25- | |
| 26- | |
| 27- | |
| 28- | |
| 29- | 3 |
| 30- | * 6 |
| 31- | |
| 32- | N/A |
| 33- | |
| 34- | |
| 35- | |
| 36- | 3- |
| 37- | |
| 38- | |
| 39- | |
| 40- | |
| 41- | 107.2 |
| 42- | |
| 43- | |
| 44- | |
| 45- | 08 |
| 46- | |
| 47- | VEACULI |
| 48- | |
| 49- | |
| 50- | |
| 51- | |
| 52- | |
| 53- | |
| | |





| 54- | | |
|-----|-------|-------|
| 55- | | |
| 56- | | |
| 57- | | |
| 58- | | |
| 59- | | |
| 60- | | |
| 61- | 6 | |
| 62- | | |
| 63- | N N | 1 |
| 64- | | */ |
| 65- | 12- | (P) |
| 66- | 11/1- | |
| 67- | | 3 |
| 68- | 50. | |
| 69- | 2 | |
| 70- | 1 3 1 | |
| | | |

2-Performance

| Topic | | Date | Supervisor signature |
|-------|------------|-------|----------------------|
| 1- | 0 | | |
| 2- | 100 | | |
| | 1411 | OF !! | |
| | ONIV | 40. | |
| | ERCITVEACU | -1' | |
| | - WOLLLAND | | |





Section V: Clinical rotation

| Rotation | Date | | Department | Trainee`s | Trainer`s |
|----------|------|-----|-----------------------|-----------|-----------|
| | From | То | | signature | signature |
| | | A | 3 | | |
| | (A | - | | | |
| | 7 | | | 8// | |
| / // | | | | ~/ | |
| 111 | | 1 | \\\\\/// _* | 111 | |
| (2) | | 15 | 2 | 3 | |
| .0 | | 1 | | V | |
| 3 | | 13 | 33 | 1 5 | |
| 12 | | 103 | | () | |
| 100 | | | | 1/5 | |
| 10, | | | | 1.47 | |
| 13 | 4,, | | | E 14. | |
| | VIVI | FDO | - CILLY | | |
| | | LAS | TYFACO | | |
| | | | | | |
| | | | | | |
| | | | | | |





| 1.31 212 202 173 |
|--|
| |
| |
| |
| 13/ |
| |
| The second secon |
| TY UNIV |
| FROMVEACULA |
| -//3/14 LY |
| |
| |
| |
| |
| |





Section VII: Scientific activities (Conferences/workshops)

Conferences

Total number required: 5

Workshops

Total number required: 4

| Conference/ Workshop | Role | Date | Supervisor's signature |
|----------------------|--------|--------|------------------------|
| 1 | 40 - | 5 | |
| 2- | -1 | 1 | 5 |
| 3-2 | 100 | | Ш |
| 4 | | 1 | 2 |
| 5- | 7300 | / / | 5/ |
| 6- | | 1/6 | |
| 7- 0 | | 10 | |
| 8- | | VE 14. | |
| 9- | TILL T | 0. | |

Role:

- Attendant
- Organizer
- Presenter