

RHS 325-Electrotherapy Projects research summary 17-18-1

N	Title	Student Number	Student name
1	Effects of transcutaneous electrical nerve stimulation (TENS) and interferential currents (IFC) in patients with nonspecific chronic low back pain	435106173	
2	Age Group Comparisons of TENS Response Among Individuals With Chronic Axial Low Back Pain	436103601	
3	Effects of Transcutaneous Electrical Nerve Stimulation and Therapeutic Exercise on Quadriceps Activation in People With Tibiofemoral Osteoarthritis	436100774	محمد بن علي الشهري
4	Comparison of Transcutaneous Electrical Nerve Stimulation and Parasternal Block for Postoperative Pain Management after Cardiac Surgery	436100251	اياد بن صالح البريت
5	Assessing the Effects of Transcutaneous Electrical Nerve Stimulation (TENS) in Post-Thoracotomy Analgesia	436105666	عبد الكريم بن محمد العتيبي
6	Transcutaneous electrical nerve stimulation (TENS) reduces pain and postpones the need for pharmacological analgesi during labour: a randomized trial	435106173	
7	Electrical Stimulation Therapy Increases Rate of Healing of Pressure Ulcers in Community-Dwelling People With Spinal Cord Injury	436100989	عبد العزيز المسدي
8	Effect of high-voltage pulsed current plus conventional treatment on acute ankle sprain	436100251	اياد بن صالح البريت
9	Effect of Neuromuscular Electrical Stimulation on Ankle Swelling in the Early Period After Ankle Sprain	436105666	عبد الكريم بن محمد العتيبي
10	Effects of Neuromuscular Electrical Stimulation on the Wrist and Finger Flexor Spasticity and Hand Functions in Cerebral Palsy	436102060	
11	Can Surface Neuromuscular Electrical Stimulation of the Wrist and Hand Combined With Routine Therapy Facilitate Recovery of Arm Function in Patients With Stroke	436101923	علي بن متعب ابوالخير

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N	Title	Student Number	Student name
12	Early Neuromuscular Electrical Stimulation to Optimize Quadriceps Muscle Function Following Total Knee Arthroplasty: A Case Repo	436100989	عبد العزيز المسيدي
13	Effect of preoperative neuromuscular electrical stimulation on quadriceps strength and functional recovery in total knee arthroplasty. A pilot study	436100110	
14	Clinical Trial of Neuromuscular Electrical Stimulation in Improving Quadriceps Muscle Strength and Activation Among Women With Mild and Moderate Osteoarthritis	436100309	عمر عبد العزيز المغربي
15	Low-Frequency Electric Muscle Stimulation Combined With Physical Therapy After Total Hip Arthroplasty for Hip Osteoarthritis in Elderly Patients	436103123	عبد الرحمن محمد المزيدي
16	Effects of neuromuscular electrical stimulation on tibialis anterior muscle of spastic hemiparetic children	436103601	
17	Short-Term Effects of Neuromuscular Electrical Stimulation on Muscle Architecture of the Tibialis Anterior and Gastrocnemius in Children with Cerebral Palsy	436100110	
18	Transcutaneous Electrical Nerve Stimulation for Pain Relief After Liposuction: A Randomized Controlled Trial	438106283	جهاد بن عبد الله الغامدي
19	Effect of neuromuscular electrical stimulation on facial muscle strength and oral function in stroke patients with facial palsy	436102060	
20	Long-term effectiveness of neuromuscular electrical stimulation for promoting motor recovery of the upper extremity after stroke	438106283	جهاد بن عبد الله
21	Effects of Functional Electrical Stimulation on Wrist Function and Spasticity in Stroke: A Randomized Controlled Study	436100774	محمد بن علي الشهري
22	Neuromuscular electrical stimulation of completely paralyzed abdominal muscles in spinal cord-injured patients: a pilot study	436103123	عبد الرحمن محمد المزيدي
23	Transcutaneous electrical nerve stimulation as adjunct to primary care management for tennis elbow: pragmatic randomised controlled trial (436100309	عمر عبد العزيز المغربي
24	Effect of Transcutaneous Electrical Nerve Stimulation on Postoperative Pain after Inguinal Hernia Repair: A Randomized Placebo-Controlled Trial	436101923	علي بن متعب ابو الخير