Pain Management
We evaluate and treat both acute and chronic pain, with services that include:
• Botox for headache
• Clinical trials
• EMG
• Joint injections
• Music medicine
• Nerve block injections
• Occipital (headache) nerve blocks
• Osteopathic manipulative medicine (OMM)
• Platelet rich plasma (PRP) therapy
• Sacroiliac joint injections
• Trigger point injections
• Ultrasound guided peripheral injections
• Viscosupplementation injections

Physical Therapy
Physical therapy services by Fox Rehabilitation are available on-site and utilizes a wide variety of procedures to restore function to the body, reduce pain and help prevent future injury, including:
• Ice/heat
• Ultrasound
• Traction
• Electrical stimulation
• Neuromuscular re-education
• Posture education
• Therapeutic exercise
• Balance and gait training
• Whirlpool
• Manual therapy
• Transfer and assistive device training
• TENS unit trials
• Education in body mechanics

The physicians and staff at Rowan Medicine’s NeuroMusculoskeletal Institute (NMI) not only treat your pain, but work to optimize your quality of life. Using a wide range of therapies and medical treatments, we can tailor a plan that is unique to your needs. Our services target diseases of the neuromuscular system, including:
• Acute or chronic pain
• Multiple sclerosis
• Muscular dystrophy
• Traumatic brain injury
• Gait dysfunction
• Headaches/Migraines
• Balance disorders
• Post-stroke syndrome
• Spinal cord injury
• Neck and back pain
• Nerve injuries

AFFILIATES
Kennedy Health is the principal hospital of Rowan University School of Osteopathic Medicine.
Other affiliated hospitals and health systems include:
Lourdes Health System
Inspira Health Network
Cooper University Hospital
Meridian Health System
Christ Hospital and Atlantic Health System

The physicians and staff at Rowan Medicine’s NeuroMusculoskeletal Institute (NMI) not only treat your pain, but work to optimize your quality of life. Using a wide range of therapies and medical treatments, we can tailor a plan that is unique to your needs. Our services target diseases of the neuromuscular system, including:
• Acute or chronic pain
• Multiple sclerosis
• Muscular dystrophy
• Traumatic brain injury
• Gait dysfunction
• Headaches/Migraines
• Balance disorders
• Post-stroke syndrome
• Spinal cord injury
• Neck and back pain
• Nerve injuries

Pain Management
We evaluate and treat both acute and chronic pain, with services that include:
• Botox for headache
• Clinical trials
• EMG
• Joint injections
• Music medicine
• Nerve block injections
• Occipital (headache) nerve blocks
• Osteopathic manipulative medicine (OMM)
• Platelet rich plasma (PRP) therapy
• Sacroiliac joint injections
• Trigger point injections
• Ultrasound guided peripheral injections
• Viscosupplementation injections

Physical Therapy
Physical therapy services by Fox Rehabilitation are available on-site and utilizes a wide variety of procedures to restore function to the body, reduce pain and help prevent future injury, including:
• Ice/heat
• Ultrasound
• Traction
• Electrical stimulation
• Neuromuscular re-education
• Posture education
• Therapeutic exercise
• Balance and gait training
• Whirlpool
• Manual therapy
• Transfer and assistive device training
• TENS unit trials
• Education in body mechanics

The physicians and staff at Rowan Medicine’s NeuroMusculoskeletal Institute (NMI) not only treat your pain, but work to optimize your quality of life. Using a wide range of therapies and medical treatments, we can tailor a plan that is unique to your needs. Our services target diseases of the neuromuscular system, including:
• Acute or chronic pain
• Multiple sclerosis
• Muscular dystrophy
• Traumatic brain injury
• Gait dysfunction
• Headaches/Migraines
• Balance disorders
• Post-stroke syndrome
• Spinal cord injury
• Neck and back pain
• Nerve injuries

Pain Management
We evaluate and treat both acute and chronic pain, with services that include:
• Botox for headache
• Clinical trials
• EMG
• Joint injections
• Music medicine
• Nerve block injections
• Occipital (headache) nerve blocks
• Osteopathic manipulative medicine (OMM)
• Platelet rich plasma (PRP) therapy
• Sacroiliac joint injections
• Trigger point injections
• Ultrasound guided peripheral injections
• Viscosupplementation injections

Physical Therapy
Physical therapy services by Fox Rehabilitation are available on-site and utilizes a wide variety of procedures to restore function to the body, reduce pain and help prevent future injury, including:
• Ice/heat
• Ultrasound
• Traction
• Electrical stimulation
• Neuromuscular re-education
• Posture education
• Therapeutic exercise
• Balance and gait training
• Whirlpool
• Manual therapy
• Transfer and assistive device training
• TENS unit trials
• Education in body mechanics

The physicians and staff at Rowan Medicine’s NeuroMusculoskeletal Institute (NMI) not only treat your pain, but work to optimize your quality of life. Using a wide range of therapies and medical treatments, we can tailor a plan that is unique to your needs. Our services target diseases of the neuromuscular system, including:
• Acute or chronic pain
• Multiple sclerosis
• Muscular dystrophy
• Traumatic brain injury
• Gait dysfunction
• Headaches/Migraines
• Balance disorders
• Post-stroke syndrome
• Spinal cord injury
• Neck and back pain
• Nerve injuries
Rehabilitation Medicine

The NMI offers acute and sub-acute rehabilitation services to patients who have suffered a stroke, spinal cord injury, traumatic brain injury, cerebral palsy and MS. Our services also include the latest treatments for spasticity, such as Bottox and nerve blocks, and the evaluation and provision of amputees with prosthetics and orthotics.

Orthopedic Services

NMI physicians are trained in both operative and non-operative sports medicine, providing comprehensive care to patients of all ages for:
- Sports medicine
- General orthopedics
- Fracture care and casting
- Joint injections
- Viscosupplementation
- Orthopedic bracing
- Orthopedic consultations

Osteopathic Manipulative Medicine (OMM)

Osteopathic Manipulative Medicine (OMM) emphasizes health and preventive medicine using the musculoskeletal system to diagnose and treat medical conditions. Trained in Osteopathic Manipulative Treatment (OMT), our physicians are able to use their hands to move a patient's muscles and joints through stretching, gentle pressure and resistance, which can assist healing or preventing illness. OMT often decreases or eliminates pain by adjusting the surrounding musculoskeletal structures to restore normal pressure to the affected nerve, muscle or joint.

Chateau Gardot Music Medicine Program

Named for American born singer, songwriter, jazz musician and former NMI patient Melody Gardot, the Chateau Gardot Music Medicine Program integrates music medicine into the NMI’s multidisciplinary programs to help achieve a greater impact for patients suffering from severe chronic pain, brain and spinal injuries, providing an alternative, in conjunction with other traditional treatments, for patients suffering from chronic neuromuscular pain and disease. Music therapy can help eliminate pain and help neural (brain) tissues recover, providing a cost-effective means to help patients recover from debilitating neuromuscular injuries.

Our Providers

Our physicians are skilled in a wide range of disciplines and have earned recognition from the American Academy of Physical Medicine and Rehabilitation, the American College of Osteopathic Family Physicians, the American College of Osteopathic Surgeons and the American Osteopathic Academy of Orthopedics.

Richard T. Jermyn, DO, FAAPMR
Associate Professor and Chair, Rehabilitative Medicine; Director, NeuroMusculoskeletal Institute

Millicent K. Channell, DO, MA, FFAO
Associate Professor Family Medicine and Chair, Osteopathic Manipulative Medicine (OMM)

James Bailey, DO
Assistant Professor, Rehabilitation Medicine

Kathleen Cahill, DNP, ARNP
Clinical Assistant Professor, Rehabilitation Medicine

Danielle Cooley, DO
Assistant Professor, Family Medicine and OMM

Linda Dayer-Berenson, PhD, ANP-BC
Clinical Assistant Professor, Rehabilitation Medicine

Kathryn Horch, Med
Program Director, Wellness Center

Deanna Janora, MD, FAAPMR, FABEM
Associate Professor, Rehabilitation Medicine

Carl Mogil, DO, FACOS, FAOGA, FAODME
Associate Professor, Orthopedic Surgery

Clinical Trials

Recent clinical trials at the NMI include:
- A randomized, double-blind, double-dummy, placebo-controlled, active-controlled, parallel-group, multicenter trial of oxycodone/naloxone controlled-release tablets (OXN) to assess the analgesic efficacy and the management of opioid-induced constipation in opioid-experienced subjects with uncontrolled moderate to severe chronic low back pain and a history of opioid-induced constipation who require around-the-clock therapy (Purdue Pharma, 1/15)
- Prospective, double-blind, placebo-controlled, randomized multi-center study with an open-label extension period to investigate the efficacy and safety on NT201 in the treatment of post-stroke spasticity of the upper limb (Merz Pharmaceuticals, 7/13-3/14)
- Dysport 2 ml for treatment of cervical dystonia (Ipsen, 8/13)