

# Osteoarthritis Treatments Continuum of Care

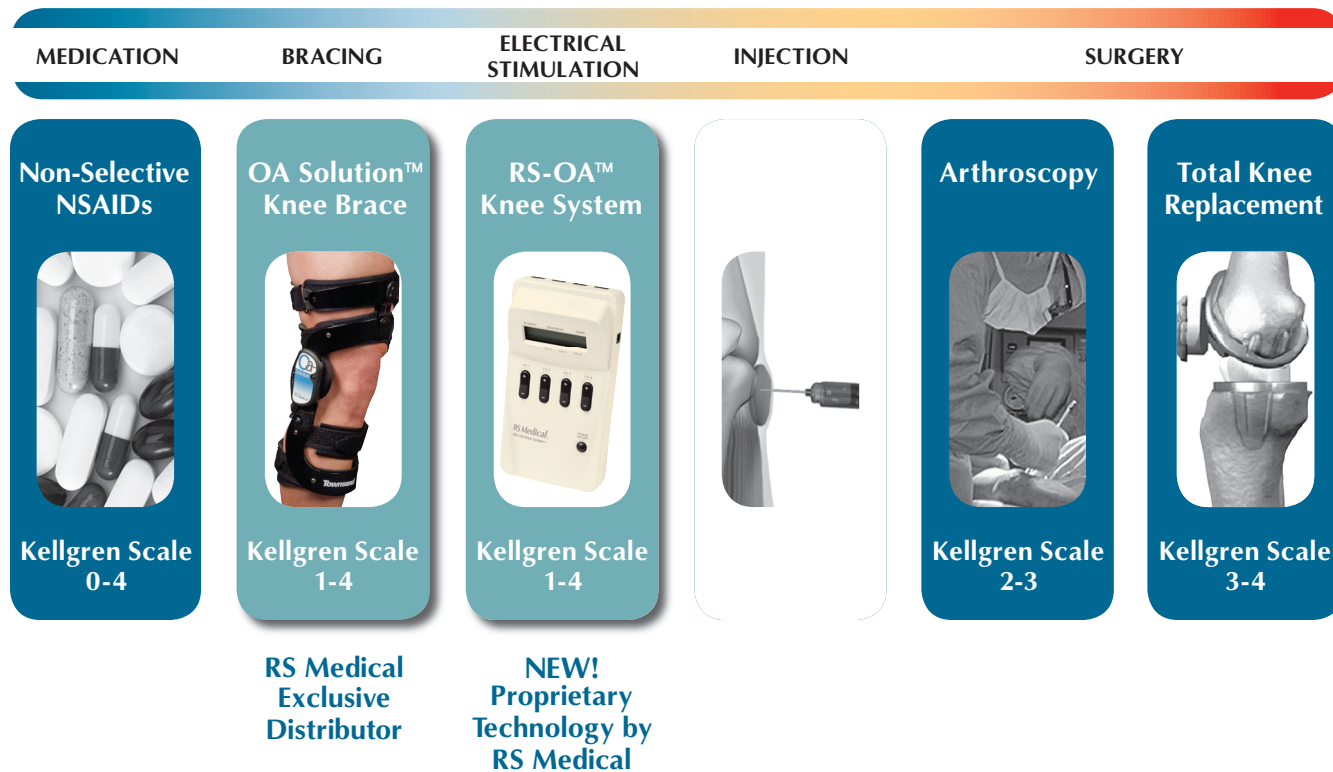
**Osteoarthritis (OA)** is one of the most common types of arthritis and affects millions of people. OA of the knee develops slowly and the associated pain increases over time. There is no cure for OA, but there are many treatment options available to help patients

manage their condition and maintain an active, healthy lifestyle. RS Medical has developed innovative products which expand the continuum of care for patients with OA of the knee.

## Kellgren Scale<sup>1</sup>:

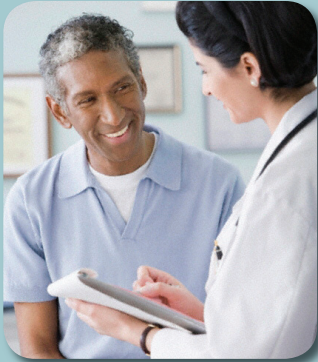
Grade 0	Grade 1	Grade 2	Grade 3	Grade 4
No features	Doubtful	Minimal	Moderate	Severe
A healthy knee with no signs of osteophytes	A relatively healthy knee with doubtful osteophyte formation.	A knee showing signs of aging, definite osteophyte formation	A knee showing moderate multiple osteophytes and definite narrowing of joint space.	A knee showing signs of advanced aging, large osteophytes, marked narrowing of joint space and definite deformity of bone contour.

## Continuum of Care



<sup>1</sup> T D Spector, D J Hart, J Byrne, J E Dacre, D V Doyle., "Definition of osteoarthritis of the knee for epidemiological studies." Annals of the Rheumatic Diseases 1993;52:790-794.

# Enhancing Treatment Options for Patients with OA of the Knee



Until recently, there have been limited treatment options available for the millions of patients who suffer the pain and discomfort caused by osteoarthritis (OA) of the knee. The lack of conservative treatments can result in restricted mobility and a lower quality of life for many of these patients.

**RS Medical** offers products that extend the continuum of care by working adjunctively with current treatments to reduce pain and improve function for the OA patient. RS Medical has two non-invasive products that work synergistically to allow the patient to resume a healthy, active lifestyle: The RS-OA™ System relieves pain and re-educates muscle, while the OA Solution™ Knee Brace relieves pain, improves mobility and minimizes further degradation of the compromised joint. In combination, RS Medical knee products can enhance the current OA clinical pathway, resulting in successful patient outcomes and an improved quality of life.

## Relieve Pain • Re-educate Muscle • Improve Mobility



### RS-OA™ Knee System Multiple Modality Electrotherapy Device

The RS-OA Knee System is a new, proprietary technology available only from RS Medical. The RS-OA Knee System features Patterned Muscle Stimulation, a unique modality. It mimics the firing pattern of muscles in an active healthy knee, as determined by electromyography (EMG) technology. This helps re-establish a normal, healthy pattern of muscle movement and corrects the abnormal pattern that developed over the course of the osteoarthritis (OA) disease. This provides for greater stability, reduces pain, and improves knee function allowing patients to return to their daily activities<sup>2</sup>.

- New proprietary technology available only from RS Medical
- Non-traumatic, non-weight bearing treatment option
- Clinically proven to relieve pain, improve function, reduce stiffness in two weeks<sup>2</sup>
- Easy to use, portable, one hour a day at home treatment
- Non-invasive, non-narcotic adjunctive therapy
- Reimbursement supported by Medicare

<sup>2</sup>Burch, et al., Evaluating the benefits of patterned stimulation in the treatment of osteoarthritis of the knee, *Osteoarthritis and Cartilage* (2008), Vol. 16, (8) pages 865-872.



### OA Solution™ Osteoarthritis Knee Brace

Relieve the pain associated with osteoarthritis (OA) of the knee while increasing patient mobility with the OA Solution osteoarthritis knee brace.

Designed exclusively for RS Medical by Townsend Design, the OA Solution is an off-the-shelf brace fabricated to fit nearly any patient weighing 100 to 300 lbs. Sizing differences between the thigh and calf are no problem. Patients get a custom-fitted brace made to their unique physical dimensions without having the higher co-pay associated with a custom brace.

#### Features

- Patented Townsend TM6 Hinge
- Patented Synergistic Suspension Strap
- Patented anti-rotation technology

#### Benefits

- Anatomically tracks the motion of the knee to maximize brace-to-skin contact
- The strap anchors on the back and side of the leg to prevent migration
- The tibia shell is contoured to capture the tibia and prevent the brace from rotating