

LLPS (Low-Load, Prolonged-Duration Stretch) technology has successfully treated limitations of mandibular motion

Mouthpiece is padded to provide maximum comfort and safety

Simple, adjustable and reproducible bilateral tensioning system

Available for rent or purchase

Easy to use

Biomechanically correct

High patient compliance

Balancing bars provide hands free application



## Stretch Beyond Your Expectations.®

### HOW TO ORDER DYNASPLINT® SYSTEMS:

#### STEP 1.

Call our toll free number and ask for your local sales consultant

#### STEP 2.

Fax the following information:

Patient information

Insurance information (include copy of insurance card)

Rx and/or Certificate of Medical Necessity (CMN)

Most recent chart notes

Corporate Headquarters:

800.638.6771 toll-free

800.380.3784 fax

Western Division:

800.262.8828 toll-free

800.262.6144 fax

Canada:

800.668.9139 toll-free

905.940.4724 fax

[www.dynasplint.com](http://www.dynasplint.com)

The Dynasplint® Trismus System aids in restoring physical function and more importantly, quality of life to patients suffering from joint stiffness and limited range of motion in the posterior mandibular or temporomandibular region. Limitations in mandibular motion can be caused by TMJ dysfunction, radiation therapy, infection, surgery, trauma, or burns. In preliminary clinical trials the Dynasplint® Trismus System has been successful in treating these limitations. The key to its effectiveness is the low-load, prolonged-duration stretch (LLPS) technology that delivers a correct biological stimulus to create a permanent length change in shortened connective tissue.

Dynasplint Systems, Inc., the pioneer and market leader in dynamic splinting since 1981, has successfully treated more than a quarter of a million patients utilizing the proven principles of LLPS. Dynasplint® Systems are simple, yet reliable in design and function. Developed for home use they are an ideal adjunct to doctors' and therapists' standard protocols.

As a direct result of our years of industry experience, our professional sales consultants provide comprehensive support to health care providers. This support includes product fitting and instruction, follow-up care, splint adjustment and protocol development. Dynasplint Systems, Inc. also assists with administrative responsibilities including insurance verification and direct billing.

Experience, Reliability, Knowledge, Service, Support—Results. Stretch Beyond Your Expectations.®

#### Clinical Advantages of the Dynasplint® Trismus System

- Utilizes the clinically proven approach of "Low-Load, Prolonged-Duration Stretch" (LLPS)
  - Constantly seeks new end range to increase ROM.
  - Utilizes the T.E.R.T. principle (Total End Range Time)
  - Gradually remodels the connective tissue
- Does not require or rely on the patient to squeeze the unit to apply tension
- Can be used for exercise & passive ROM
- Approved by "Medicare"
- Can be "customized" for individual patient requirements with "oral impression" materials
- Dynasplint Systems, Inc. handles all insurance processing
- Dynasplint Systems, Inc. clinical sales consultants perform patient fittings

Variable & fully reproducible tension settings:

Weight of Unit:

Range of Motion / Oral Opening:

0 – 2.3 ft./lb. or 0 – 31.5 kg/cm

.75 lb. without counter balance bars

1.35 lb. with counter balance bars

Type I: 15mm – 50mm

Type II: 9mm – 50mm

Patent # US 6,413,231





# Stretch Beyond Your Expectations.®

## DYNASPLINT® TRISMUS SYSTEM

### **What are Dynasplint® Systems?**

Dynasplint Systems, Inc. is the pioneer and market leader of dynamic splinting. Since 1981, Dynasplint® has aided patients in restoring physical function and gaining range of motion during rehabilitation.

### **What is Trismus?**

Trismus is an involuntary contraction caused by damage to the muscles of mastication, temporomandibular joint and the oral and peri-oral connective tissues causing a restriction of the mouth opening. Trismus occurs when the muscles and connective tissue become damaged and shortened by physiologic structural changes. Significant functional disabilities associated with Trismus include: difficulty with eating and chewing, dysphagia, speech and articulation problems, compromised oral hygiene and difficulty in the fabrication, use and maintenance of oral prosthesis.

### **Who is appropriate for the Dynasplint® Trismus System?**

Patients who have range of motion (ROM) limitations as a result of impaired muscles of mastication and the TM are appropriate for the Dynasplint®. Mandible jaw limitation can be caused by cancer treatments such as: radiation therapy and/or head and neck surgery; oral and maxillofacial surgery, degenerative TM disease, chemical and thermal burns and any traumatic injury to the muscles of mastication and TMJ.

### **When can patients start using the Dynasplint® Trismus System?**

The Dynasplint® Trismus System can be used as soon as the doctor releases the patient for passive range of motion. The sooner after onset, injury, surgery or radiation treatment the device is implemented; the faster results can be expected.

### **When is the Dynasplint® Trismus System applied?**

Patients take the Dynasplint® home and use it 3 times a day for up to 30 minutes per session. Dynasplint® Trismus therapy is suggested 7 days a week.

### **Where is the Dynasplint® Trismus System applied?**

The Dynasplint® Trismus is easily worn in the anterior part of the mouth while the patient relaxes. Proper placement is essential for the ideal stretch of the masticatory muscles. The patient can hand-hold the device or attach the counterbalance bars for hands-free therapy.

### **Why should a doctor choose a Dynasplint® Trismus System?**

The Dynasplint® Trismus System is the most advanced home therapy treatment available. It is far superior to the commonly used tongue depressors. The Dynasplint® actively stretches the muscles of mastication and can be used for patients with openings as small as 9mm. Patients find it easy and comfortable to use.

### **How does the Dynasplint® Trismus System work?**

The Dynasplint® Trismus System is based on low-load, prolonged-duration stretch (LLPS) technology. It is spring loaded for simple, adjustable, reproducible tension at each therapy session. This correct biological stimulus has been clinically proven to permanently lengthen and remodel shortened connective tissue.

