SQUID

ACTIVE COLD COMPRESSION

WHY SQUID?

OUR SYSTEM OFFERS THE HIGHEST LEVEL OF PERFORMANCE, COMFORT, AND EFFICACY WITH A 15-MINUTE TREATMENT AND SETUP TIME OF LESS THAN ONE MINUTE.

Squid provides intermittent cold compression using our proprietary sequential compression wrap and cold gel pack designed to direct edema away from the extremities and towards the heart, promoting venous return and enhancing circulation.

SQUID IS CURRENTLY AVAILABLE FOR 6 DIFFERENT PARTS OF THE BODY

ANKLE

ELBOW

KNEE

LEG

SHOULDER

WRIST

SQUID HAS A VARIETY OF CLINICAL APPLICATIONS:

PRE-OPERATIVE USE: Patients can use Squid to reduce pain and swelling on the affected area as necessary prior to surgery.

POST-OPERATIVE USE: Patients can use Squid to reduce pain and swelling while enhancing local circulation, which may help speed recovery after surgery.

PHYSICAL THERAPY USE: Squid can be used as a more effective alternative to traditional cryotherapy tools in the clinic setting.

THE TECHNOLOGY BEHIND SQUID

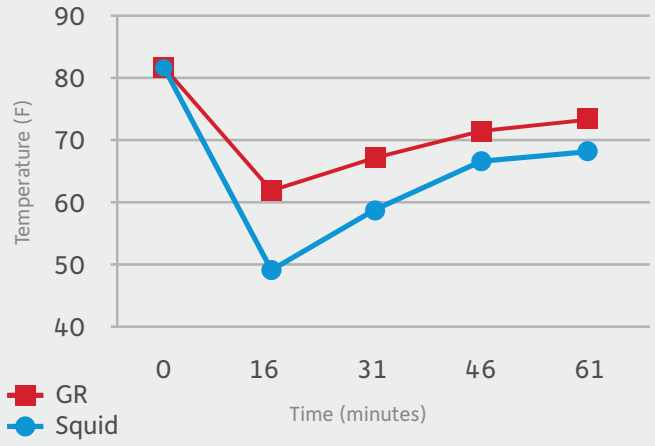
WHAT SETS SQUID MOST APART FROM OTHER COMPETITORS ON THE MARKET IS ITS USE OF DYNAMIC INTERMITTENT COMPRESSION WHILE REMAINING PORTABLE.

Dynamic or sequential intermittent compression (DIC) is increasingly becoming a routine part of post game, training, and injury recovery. DIC enhances healing by evacuating lymphatic fluids from the tissue, thereby reducing edema and pressure and allowing fresh blood to replenish the ischemic tissue. Following intense physical activity DIC can help remove metabolites such as lactic acid from muscles allowing faster recovery and better performance. Squid is equipped with a smart DIC system driven by a powerful and compact pump control unit. The Squid pump comes preprogrammed with 4 compression algorithms allowing clinicians, athletic trainers, athletes, and patients to choose from low (30mmHg) to high (85mmHg) compression pressure while achieving the same level of cold efficacy.

By combining DIC with highly effective gel cold packs and by packaging the technology in a smart compact and portable package, Squid can deliver the best of both worlds anywhere.

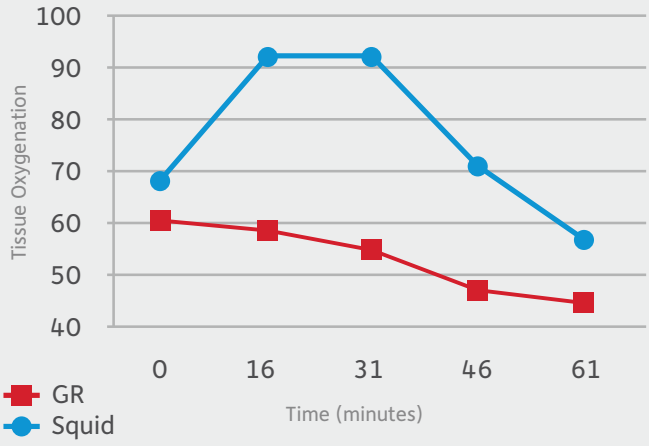
Squid delivers cold deep into the tissue: Our studies demonstrate that the unique combination of cold gel packs and dynamic intermittent compression are effective in delivering cold deeper into the tissue. In an internal study, use of Squid DIC resulted in 44% more cooling measured 4cm deep within the tissue compared to cold gel pack use only.

EFFECT OF SQUID AND GR ON KNEE TEMPERATURE



Knee temperature before treatment (time 0) and after a treatment time of 15 minutes (time 16-60 min) using Game Ready (GR), (red) and Squid (blue). Following the use of Squid, knee temperature went from 82 F to 49 F while with GR knee temperature went from 82 F to 62 F.

EFFECT OF SQUID AND GR ON KNEE OXYGENATION



Squid increases tissue oxygenation in the treated area: Tissue oxygenation is critical both for tissue recovery from injury and surgery as well as for recovery from intense physical activity and performance enhancement. In an internal study we measured tissue oxygen levels in the knee using clinical grade near infrared spectroscopy (InSpectra™ Monitor, model 650). In graph 2, the effect of Squid on knee tissue oxygenation was compared to the effect of Game Ready.