



**OrthoWave**  
CELLULAR HEALING TECHNOLOGIES

# CLINICAL TIP REFERENCE GUIDE

Complete Applicator & Transmitter Selection Guide

D-SERIES

F-APPLICATOR SERIES

CERACORE™ SERIES

SPINE-APPLICATOR

Musculoskeletal · Urology · Neuropathy · Aesthetics

## **OrthoWave DualSync™ System**

Broad-Spectrum Shockwave Therapy  
with Dynamic Tissue Activation™

## About This Guide

This clinical reference provides comprehensive applicator selection guidance for the OrthoWave DualSync™ system. All 13 tips are organized by series with detailed clinical indications, penetration specifications, intensity ratings, and condition-specific protocols.

Tips are organized into four series: the **D-Series** (standard broad-dispersion tips), the **F-Applicator Series** (concentrated-delivery tips), the **OrthoWave CeraCore™ Series** (maximum energy ceramic), and the **SPINE-Applicator** (specialized paravertebral).

**Clinical Note:** Always begin at conservative bar settings and progress based on patient tolerance. All parameters are clinical guidelines — adjust based on individual patient presentation.

## QUICK REFERENCE — ALL 13 TIPS

### At-a-Glance Specifications

TIP	DIAMETER	DEPTH	INTENSITY	SERIES	PRIMARY CLINICAL USE
<b>D6</b>	6 mm	0–20 mm	3/10	D-Series	Shockwave acupuncture, micro trigger points, small acupoints
<b>D10</b>	10 mm	0–40 mm	8/10	D-Series	ED, Peyronie's Disease, CPPS, deep trigger points
<b>D15</b>	15 mm	0–35 mm	5/10	D-Series	Standard enthesopathy, plantar fasciitis, epicondylitis
<b>D20</b>	20 mm	0–50 mm	7/10	D-Series	Myofascial trigger therapy, fibrosis, scanning tip
<b>D25</b>	25 mm	0–55 mm	7/10	D-Series	Mid-size muscle groups, gluteals, hamstring belly
<b>D35</b>	35 mm	0–60 mm	6/10	D-Series	Large muscle groups, back, hamstrings, aesthetics
<b>F-Appl. 1</b>	~15 mm	0–30 mm	1/10	F-Applicator	Sensitive regions, TMJ, CMD, cervical spine
<b>F-Appl. 2</b>	~15 mm	0–40 mm	3/10	F-Applicator	Superficial enthesopathy, elbow, patellar tendon
<b>F-Appl. 3</b>	~20 mm	0–50 mm	6/10	F-Applicator	Deep trigger points, rotator cuff, fibrosis dissolution
<b>F-Appl. 4</b>	~35 mm	0–60 mm	5/10	F-Applicator	Large area deep focused, athletic posterior chain
<b>C-20</b>	20 mm	0–40 mm	9/10	CeraCore™	Calcific tendinitis, chronic resistant enthesopathy
<b>C-28</b>	28 mm	0–50 mm	9/10	CeraCore™	Rotator cuff calc., proximal hamstring, gluteal tendon
<b>C-35</b>	35 mm	0–60 mm	8/10	CeraCore™	Large area max energy, athletic populations, lumbar
<b>Spine</b>	Forked	0–45 mm	5/10	Spine-Applicator	Paravertebral muscles — cervical, thoracic, lumbar

## TREATMENT ZONE QUICK REFERENCE

Body Region · Recommended Tips · Clinical Indication

The table below maps each body region to the recommended OrthoWave tip, primary indications, and key clinical notes for fast chairside reference.

BODY REGION	PRIMARY TIP(S)	SERIES	KEY INDICATIONS	CLINICAL NOTE
<b>Cervical Spine &amp; TMJ</b>	F-Applicator 1	F-Applicator	TMJ, CMD, cervical trigger points, fibromyalgia, tension headache	Lowest intensity in lineup. Always start here for sensitive patients and cervical work.
<b>Shoulder / Rotator Cuff</b>	C-28 · F-Appl. 3	CeraCore™	Calcific tendinitis, rotator cuff tendinopathy, supraspinatus degeneration	Use C-28 for calcification breakdown. F-Applicator 3 for deep rotator cuff muscle belly.
<b>Elbow</b>	D15 · C-20	D-Series	Lateral epicondylitis (tennis elbow), medial epicondylitis (golfer's elbow)	F-Applicator 2 for sensitive presentations. Caution medially near ulnar nerve.
<b>Wrist &amp; Hand</b>	D15 · F-Appl. 2	D-Series	Carpal tunnel syndrome, de Quervain's tenosynovitis, trigger finger	Low bar only. Small precise tip essential for fine hand anatomy.
<b>Lumbar Spine &amp; Back</b>	Spine-Appl. · D35	Spine-Appl.	Paravertebral dysfunction, multifidus, erector spinae, chronic low back pain	Never apply directly over spinous processes. Spine-Applicator treats bilateral musculature simultaneously.
<b>SI Joint</b>	D20 · F-Appl. 3	D-Series	SI joint dysfunction, posterior SI ligament pain, referred buttock and leg pain	Treat posterior SI ligaments and surrounding gluteal musculature in same session.
<b>Hip &amp; Gluteal</b>	D25 · C-28	CeraCore™	Gluteal tendinopathy, greater trochanteric pain syndrome, piriformis syndrome	F-Applicator 3 for deep piriformis. C-28 for calcific gluteal tendon at greater trochanter.
<b>Knee</b>	D15 · F-Appl. 2	D-Series	Patellar tendinopathy, Jumper's Knee, Osgood-Schlatter disease	C-20 for chronic resistant patellar tendon. Start conservative bar and progress.
<b>Achilles Tendon</b>	D15 · C-20	D-Series	Achilles tendinopathy insertional and mid-portion, calcific Achilles	C-20 for calcific insertion. D15 for mid-portion tendinopathy. Progress bar over sessions.
<b>Plantar Fascia &amp; Foot</b>	D15 · C-20	CeraCore™	Plantar fasciitis, heel spur, chronic calcific presentation, fascia thickening	C-20 for calcific — strongest evidence base in shockwave literature. 5-8 sessions.
<b>Hamstrings</b>	D25 · F-Appl. 3	D-Series	Proximal hamstring tendinopathy, ischial tuberosity attachment, hamstring belly	C-28 for chronic ischial tuberosity. D25 for mid-belly trigger points and fibrosis.
<b>Quadriceps &amp; Shin</b>	D35 · C-35	D-Series	Quadriceps tendinopathy, shin splints, tibial periostitis, anterior compartment	D35 for broad myofascial. C-35 for athletic chronic deep presentations.
<b>Trigger Points (Any Region)</b>	D10 · D20	D-Series	Myofascial trigger point therapy, fibrosis dissolution, scar tissue breakdown	D20 for scanning and locating trigger points. D10 for precise deep deactivation.

## SPECIALTY CONDITIONS

Urology · Neuropathy · Aesthetics

CONDITION	PRIMARY TIP	SERIES	TREATMENT AREA	CLINICAL NOTE
<b>Erectile Dysfunction</b>	D10	D-Series	Vasculogenic ED: penile shaft dorsal and lateral, penile base, perineum, suprapubic	1-2 bar maximum. Low Hz (8-12). Neovascularization mechanism. 6-12 sessions.
<b>Peyronie's Disease</b>	D10	D-Series	Fibrous plaque breakdown: direct plaque targeting, surrounding tissue treatment	Conservative bar. Target plaque precisely each session. Often combined with traction therapy.
<b>Chronic Pelvic Pain (CPPS)</b>	D10	D-Series	Perineum, pelvic floor trigger points, suprapubic region, inner thigh	Low bar essential. Treat all three zones per session. 6-8 sessions recommended.
<b>Peripheral Neuropathy</b>	D20 · D35	D-Series	Peripheral neuropathy, diabetic neuropathy, nerve pathway treatment	Broad low-bar coverage along full nerve distribution. Low Hz (8-12). Gentle progression.
<b>Aesthetics</b>	D35	D-Series	Cellulite reduction, skin elasticity enhancement, body contouring protocols	Broad coverage technique. Moderate bar. Multiple overlapping passes per session.

## D-SERIES — STANDARD BROAD-DISPERSION TIPS

### Diameter-Based Broad-Dispersion Shockwave Tips

The D-Series are the foundational broad-dispersion tips. The number indicates tip diameter in millimeters. Larger diameter = broader energy coverage. Standard choice for the majority of musculoskeletal and urological conditions.

#### D6 — Point Applicator · D-SERIES · POINT APPLICATOR TIP

DIAMETER	PENETRATION	INTENSITY	TIP TYPE
6 mm	0 – 20 mm	3 / 10	Point Applicator Tip
<ul style="list-style-type: none"> <li>■ Shockwave acupuncture — precise acupoint stimulation</li> <li>■ Micro trigger points in small muscles</li> <li>■ Small bony attachment sites and acupoints</li> <li>■ Facial and cervical acupuncture protocols</li> <li>■ Pediatric or very small treatment zones</li> </ul>		<p>The D6 is the smallest tip in the OrthoWave lineup, designed specifically for shockwave acupuncture and pinpoint trigger point therapy. Its 6 mm diameter concentrates energy into the smallest possible treatment zone, making it ideal for acupoint stimulation protocols and precise anatomical targets where a larger tip would be clinically imprecise.</p> <p><b>Primary Conditions:</b> Shockwave acupuncture, micro trigger points, small enthesopathy sites, acupoint therapy</p> <p><b>Clinical Note: Not suitable for broad tissue coverage. Single-point application only. Not appropriate for large area myofascial treatment.</b></p>	

#### D10 — Trigger Point & Urological Applicator · D-SERIES · TRIGGER POINT TIP

DIAMETER	PENETRATION	INTENSITY	TIP TYPE
10 mm	0 – 40 mm	8 / 10	Trigger Point Tip
<ul style="list-style-type: none"> <li>■ Erectile Dysfunction (ED) — penile shaft dorsal and lateral, base, perineum</li> <li>■ Peyronie's Disease — direct fibrous plaque targeting</li> <li>■ Chronic Pelvic Pain Syndrome (CPPS) — perineal precision treatment</li> <li>■ Precise myofascial trigger point therapy</li> <li>■ Deep-lying enthesopathy requiring targeted high energy</li> <li>■ Small anatomical targets requiring precision and depth</li> </ul>		<p>The D10 serves dual clinical roles: a high-intensity trigger point applicator AND the primary tip for urological applications including Erectile Dysfunction and Peyronie's Disease. Its 10 mm diameter precisely matches penile tissue treatment zones while 40 mm penetration reaches deep penile vascular structures. Intensity 8/10 makes it equally effective for stubborn musculoskeletal trigger points.</p> <p><b>Primary Conditions:</b> ED, Peyronie's Disease, CPPS, deep trigger points, deep enthesopathy, urological indications</p> <p><b>Clinical Note: Use low bar (1–2 bar) for all urological applications. Keep pressure conservative over sensitive tissue. Never exceed 3 bar in urological protocols.</b></p>	

**D15 — Standard Broad-Dispersion Tip** · D-SERIES · STANDARD TIP

DIAMETER	PENETRATION	INTENSITY	TIP TYPE
15 mm	0 – 35 mm	5 / 10	Standard Tip
<ul style="list-style-type: none"> <li>■ General enthesopathy — tendon attachment disorders</li> <li>■ Plantar fasciitis — calcaneal attachment</li> <li>■ Achilles tendinopathy — insertion site</li> <li>■ Lateral and medial epicondylitis</li> <li>■ Patellar tendon insertion — Jumper’s Knee</li> <li>■ Calcific shoulder — rotator cuff attachment</li> <li>■ Standard everyday musculoskeletal applications</li> </ul>		<p>The D15 is the gold standard workhorse of shockwave therapy — the most universally applied tip for enthesopathy and tendon disorders. Its 15 mm diameter and 35 mm penetration depth cover the vast majority of superficial to mid-depth tendon attachment pathologies encountered in everyday clinical practice. Moderate intensity makes it well tolerated across all patient populations.</p> <p><b>Primary Conditions:</b> Plantar fasciitis, Achilles tendinopathy, epicondylitis, patellar tendon, rotator cuff attachment, standard enthesopathy</p> <p><b>Clinical Note:</b> May not provide sufficient depth or energy for chronic deep-tissue conditions. Consider D20 or CeraCore series for treatment-resistant presentations.</p>	

**D20 — Myofascial Standard Tip** · D-SERIES · D-APPLICATOR TIP

DIAMETER	PENETRATION	INTENSITY	TIP TYPE
20 mm	0 – 50 mm	7 / 10	D-Applicator Tip
<ul style="list-style-type: none"> <li>■ Myofascial trigger point therapy — primary indication</li> <li>■ Muscle and connective tissue treatment</li> <li>■ Dissolution of fibrosis and scar tissue</li> <li>■ Deep-seated muscle treatment up to 50 mm</li> <li>■ Scanning technique — locating trigger points before focused treatment</li> <li>■ Quadratus lumborum and paraspinal muscle treatment</li> <li>■ Rotator cuff muscle belly</li> </ul>		<p>The D20 is the most versatile mid-range applicator in the OrthoWave lineup and a clinical favorite for myofascial work. Its 20 mm diameter provides excellent tissue coverage while 50 mm penetration reaches deep muscle layers inaccessible to smaller tips. Widely used as a scanning tip to identify and map trigger points across a treatment area before applying focused tips to specific targets.</p> <p><b>Primary Conditions:</b> Myofascial pain syndrome, trigger points, fibrosis, deep muscle pathology, paraspinal muscles, connective tissue</p> <p><b>Clinical Note:</b> Replace every 1 million pulses to maintain optimal energy delivery and protect the handpiece barrel.</p>	

**D25 — Mid-Range Myofascial Tip** · D-SERIES · D-APPLICATOR TIP

DIAMETER	PENETRATION	INTENSITY	TIP TYPE
25 mm	0 – 55 mm	7 / 10	D-Applicator Tip
<ul style="list-style-type: none"> <li>■ Mid-size muscle group treatment</li> <li>■ Moderate to deep myofascial conditions</li> <li>■ Gluteal muscle groups</li> <li>■ Hamstring mid belly</li> <li>■ Thoracolumbar fascia</li> <li>■ Larger patients requiring broader coverage at depth</li> <li>■ Transitional coverage between D20 and D35</li> </ul>		<p>The D25 fills the critical clinical gap between the D20 and D35. It offers broader coverage than the D20 while maintaining more focused energy concentration than the D35. Its 55 mm depth makes it ideal for mid-size muscle groups and patients with greater tissue depth where the D20 is insufficient but the D35 disperses energy too broadly.</p> <p><b>Primary Conditions:</b> Mid-size muscle groups, gluteals, hamstring belly, thoracolumbar fascia, deeper tissue patient profiles</p> <p><b>Clinical Note:</b> Confirm availability with your OrthoWave representative. Replace per manufacturer maintenance schedule.</p>	

**D35 — Large Area Broad-Dispersion Tip** · D-SERIES · D-APPLICATOR TIP

DIAMETER	PENETRATION	INTENSITY	TIP TYPE
35 mm	0 – 60 mm	6 / 10	D-Applicator Tip
<ul style="list-style-type: none"> <li>■ Large muscle groups — back, hamstrings, quadriceps</li> <li>■ Broad myofascial coverage — maximum area per pass</li> <li>■ Back muscle and thoracolumbar fascia treatment</li> <li>■ Aesthetic protocols — skin elasticity enhancement</li> <li>■ Cellulite reduction treatment protocols</li> <li>■ Broad trigger point scanning over large tissue areas</li> <li>■ Post-surgical rehabilitation over large regions</li> </ul>		<p>The D35 provides the broadest energy distribution of the standard D-Series, covering the largest treatment area per pass. Its 60 mm penetration combined with 35 mm diameter makes it the premier choice for large muscle groups. Also widely utilized in aesthetic medicine for skin elasticity and cellulite reduction protocols.</p> <p><b>Primary Conditions:</b> Large muscle groups, back, hamstrings, quadriceps, aesthetic cellulite, broad myofascial, post-surgical rehab</p> <p><b>Clinical Note: Energy dispersal is intentionally broad — not appropriate for precise target areas. Use smaller tips for specific trigger points or enthesopathy sites.</b></p>	

## F-APPLICATOR SERIES — CONCENTRATED-DELIVERY TIPS

### Concentrated Energy Delivery

The F-Applicator Series uses a focus-lens design that concentrates energy more precisely than standard broad-dispersion tips. Numbered 1–4 from smallest and gentlest to largest and deepest.

#### F-Applicator 1 — Soft Focus — Sensitive Regions · F-APPLICATOR SERIES · F-APPLICATOR CONCENTRATED-DELIVERY TIP

DIAMETER	PENETRATION	INTENSITY	TIP TYPE
~15 mm	0 – 30 mm	1 / 10	F-Applicator Concentrated-Delivery Tip
<ul style="list-style-type: none"> <li>■ Highly sensitive treatment regions</li> <li>■ TMJ — Temporomandibular Joint Disorder</li> <li>■ Craniomandibular dysfunction (CMD)</li> <li>■ Cervical spine trigger points</li> <li>■ Patients with very low pain tolerance</li> <li>■ Fibromyalgia — centrally sensitized patients</li> </ul>		<p>The F-Applicator 1 is the gentlest tip in the OrthoWave lineup, engineered for treatment zones where standard tips would cause excessive discomfort. The soft focus-lens design distributes energy with minimal surface pressure, allowing therapeutic shockwave delivery in sensitive anatomical regions. Essential starting point for TMJ therapy, cervical spine treatment, and any patient presenting with central sensitization.</p> <p><b>Primary Conditions:</b> TMJ, craniomandibular dysfunction, cervical trigger points, fibromyalgia, hypersensitive patient profiles</p> <p><b>Clinical Note: Intensity 1/10 — not appropriate for deep tissue, chronic tendinopathy, or athletic populations requiring therapeutic energy levels.</b></p>	

#### F-Applicator 2 — Focused — Superficial Enthesopathy · F-APPLICATOR SERIES · F-APPLICATOR CONCENTRATED-DELIVERY TIP

DIAMETER	PENETRATION	INTENSITY	TIP TYPE
~15 mm	0 – 40 mm	3 / 10	F-Applicator Concentrated-Delivery Tip
<ul style="list-style-type: none"> <li>■ Superficial enthesopathy — tendon attachment disorders</li> <li>■ Lateral and medial epicondylitis</li> <li>■ Patellar tendon insertion</li> <li>■ Achilles tendon insertion — sensitive presentation</li> <li>■ Plantar fascia — sensitive or early stage</li> <li>■ Areas requiring focused energy over standard broad-dispersion</li> </ul>		<p>The F-Applicator 2 bridges the clinical gap between the gentle F-Applicator 1 and more aggressive focused tips. Its focus-lens concentrates energy more precisely than standard broad-dispersion tips of equivalent size, ideal for enthesopathy where targeted delivery is preferred. Particularly effective for elbow epicondylitis and patellar tendon conditions.</p> <p><b>Primary Conditions:</b> Epicondylitis, patellar tendon, superficial enthesopathy, sensitive tendon insertions</p> <p><b>Clinical Note: Confirm appropriate coupling gel coverage across the full tip surface for consistent energy delivery.</b></p>	

**F-Applicator 3 — Focused — Deep Myofascial** · F-APPLICATOR SERIES · F-APPLICATOR CONCENTRATED-DELIVERY TIP

DIAMETER	PENETRATION	INTENSITY	TIP TYPE
~20 mm	0 – 50 mm	6 / 10	F-Applicator Concentrated-Delivery Tip
<ul style="list-style-type: none"> <li>■ Deep myofascial trigger point therapy</li> <li>■ Rotator cuff muscle belly</li> <li>■ Fibrosis dissolution at moderate to deep depth</li> <li>■ Hamstring and gluteal deep tissue</li> <li>■ Scar tissue breakdown — post-surgical</li> <li>■ Post-surgical adhesion treatment</li> </ul>		<p>The F-Applicator 3 provides the most clinically versatile combination in the focused series — sufficient diameter for meaningful tissue coverage combined with focused-lens technology for more targeted energy delivery. Its 50 mm depth allows effective treatment of deep myofascial conditions, rotator cuff pathology, and fibrosis that resist superficial treatment protocols.</p> <p><b>Primary Conditions:</b> Deep trigger points, rotator cuff, myofascial fibrosis, scar tissue, deep chronic conditions, post-surgical adhesions</p> <p><b>Clinical Note:</b> Ensure adequate gel coverage across full tip surface — concentrated-delivery tips require consistent coupling for optimal energy transfer.</p>	

**F-Applicator 4 — Focused — Large Area Deep** · F-APPLICATOR SERIES · F-APPLICATOR CONCENTRATED-DELIVERY TIP

DIAMETER	PENETRATION	INTENSITY	TIP TYPE
~35 mm	0 – 60 mm	5 / 10	F-Applicator Concentrated-Delivery Tip
<ul style="list-style-type: none"> <li>■ Large area focused coverage</li> <li>■ Deep back muscle treatment</li> <li>■ Broad myofascial conditions requiring focused delivery</li> <li>■ Large muscle groups — hamstrings, quadriceps, gluteals</li> <li>■ Athletes requiring broad deep tissue treatment</li> <li>■ Post-surgical rehabilitation over large deep regions</li> </ul>		<p>The F-Applicator 4 uniquely combines the broad coverage area of the D35 with focused-lens energy delivery technology. This makes it ideal for large muscle groups where standard broad dispersion is insufficient but coverage area must remain broad. The focused lens delivers deeper, more therapeutically effective energy over large areas compared to the D35 at equivalent pressure settings.</p> <p><b>Primary Conditions:</b> Large deep muscle groups, broad myofascial, athletic posterior chain, deep back, large region post-surgical rehab</p> <p><b>Clinical Note:</b> Largest concentrated-delivery tip — ensure even gel application across full contact area to prevent energy concentration hotspots.</p>	

## ORTHOWAVE CERACORE™ SERIES — MAXIMUM ENERGY

CeraCore™ Ceramic Technology

The OrthoWave CeraCore™ Series delivers the highest energy efficiency of any OrthoWave tip. CeraCore ceramic material conducts acoustic energy more efficiently — the same pressure setting delivers measurably greater therapeutic energy into tissue. Reserved for chronic, treatment-resistant conditions.

### C-20 — CeraCore™ — Precision High Energy · CERACORE™ SERIES · ORTHOWAVE CERACORE™ TIP

DIAMETER	PENETRATION	INTENSITY	TIP TYPE
20 mm	0 – 40 mm	9 / 10	OrthoWave CeraCore™ Tip
<ul style="list-style-type: none"> <li>■ Calcific tendinitis — primary CeraCore indication</li> <li>■ Chronic enthesopathy resistant to standard tips</li> <li>■ Lateral and medial epicondylitis — chronic resistant</li> <li>■ Plantar fasciitis — chronic calcific presentation</li> <li>■ Achilles tendon calcification</li> <li>■ Any chronic condition requiring maximum precision energy</li> </ul>		<p>The C-20 delivers the highest energy efficiency of any 20 mm OrthoWave tip. CeraCore ceramic material conducts and transmits acoustic energy more efficiently than standard materials — the same pressure setting delivers measurably greater therapeutic energy into tissue. Preferred choice for calcific tendinitis where cavitation-mediated calcium breakdown requires maximum focused energy.</p> <p><b>Primary Conditions:</b> Calcific tendinitis, chronic enthesopathy, treatment-resistant tendon conditions, calcific shoulder</p> <p><b>Clinical Note: Intensity 9/10 — not for acute conditions, sensitive patients, or sensitive anatomical regions. Always initiate with conservative bar settings and progress based on patient tolerance.</b></p>	

### C-28 — CeraCore™ — Moderate Area High Energy · CERACORE™ SERIES · ORTHOWAVE CERACORE™ TIP

DIAMETER	PENETRATION	INTENSITY	TIP TYPE
28 mm	0 – 50 mm	9 / 10	OrthoWave CeraCore™ Tip
<ul style="list-style-type: none"> <li>■ Rotator cuff calcific tendinitis</li> <li>■ Deep chronic tendinopathy — moderate coverage</li> <li>■ Patellar tendon chronic degeneration</li> <li>■ Proximal hamstring — ischial tuberosity</li> <li>■ Gluteal tendinopathy at greater trochanter</li> <li>■ Deep trigger points in moderate-size muscle groups</li> </ul>		<p>The C-28 fills the critical gap between the precision of the C-20 and the broad coverage of the C-35. At 28 mm diameter with 50 mm depth it provides sufficient coverage for moderate-size target areas including the rotator cuff, gluteal tendons, and proximal hamstring, while maintaining maximum CeraCore ceramic energy efficiency.</p> <p><b>Primary Conditions:</b> Rotator cuff calcific tendinitis, gluteal tendinopathy, proximal hamstring tendinopathy, chronic deep tendinopathy</p> <p><b>Clinical Note: Intensity 9/10 over moderate area — avoid in acute inflammation. Confirm calcification via imaging to verify indication before use.</b></p>	

**C-35 — CeraCore™ — Broad High Energy** · CERACORE™ SERIES · ORTHOWAVE CERACORE™ TIP

DIAMETER	PENETRATION	INTENSITY	TIP TYPE
35 mm	0 – 60 mm	8 / 10	OrthoWave CeraCore™ Tip
<ul style="list-style-type: none"> <li>■ Large muscle group treatment at maximum energy</li> <li>■ Broad deep chronic myofascial conditions</li> <li>■ Athletic populations — high energy broad coverage</li> <li>■ Back and lumbar region — deep chronic conditions</li> <li>■ Hamstrings and quadriceps — deep chronic pathology</li> <li>■ Larger patients requiring high energy over broad area</li> </ul>		<p>The C-35 is the most powerful broad-coverage tip in the OrthoWave lineup. Combining the largest CeraCore ceramic contact area with maximum energy transmission efficiency, it delivers high therapeutic energy across the widest treatment zone. Particularly indicated for athletic populations and chronic conditions spanning large tissue areas.</p> <p><b>Primary Conditions:</b> Large area chronic conditions, athletic deep tissue, lumbar back, hamstrings, quadriceps, larger patient profiles</p> <p><b>Clinical Note:</b> Highest energy broadest coverage — comprehensive patient tolerance assessment required. Contraindicated in acute conditions, sensitive patients, and sensitive anatomical regions.</p>	

## SPINE-APPLICATOR — PARAVERTEBRAL TIP

Specialized Spinal Design — Three Fork Sizes

The Spine-Applicator features a forked dual-contact design engineered exclusively for paravertebral treatment. Available in three sizes for cervical, thoracic, and lumbar regions — treats bilateral musculature simultaneously.

### Spine Specific — SPINE-APPLICATOR — Paravertebral Tip · SPINE-APPLICATOR · SPECIALIZED TIP · SPINE-APPLICATOR SPECIALIZED TIP

DIAMETER	PENETRATION	INTENSITY	TIP TYPE
Forked 20/27.5/35 mm	0 – 45 mm	5 / 10	Spine-Applicator Specialized Tip
<ul style="list-style-type: none"> <li>■ Cervical paraspinal muscles — narrow fork size</li> <li>■ Thoracic paraspinal muscles — medium fork size</li> <li>■ Lumbar paraspinal muscles — wide fork size</li> <li>■ Multifidus and erector spinae — bilateral simultaneous</li> <li>■ Chronic low back and neck pain</li> <li>■ Post-surgical spinal muscle rehabilitation</li> <li>■ Paravertebral trigger point deactivation</li> </ul>		<p>The Spine-Applicator features a unique forked dual-contact design that physically straddles the spinous processes, treating bilateral paravertebral muscles simultaneously while making it mechanically impossible to apply shockwave energy directly over the vertebral column. Three fork sizes address cervical, thoracic, and lumbar regions — treating both sides simultaneously in half the treatment time.</p> <p><b>Primary Conditions:</b> Paravertebral muscle dysfunction, chronic back and neck pain, multifidus, erector spinae, post-surgical spinal rehabilitation</p> <p><b>Clinical Note: NEVER apply directly over spinous processes or disc levels. Paravertebral placement only — always. Screen for osteoporosis and active disc herniation before use.</b></p>	

## CLINICAL DECISION FRAMEWORK

Four-Step Tip Selection Guide — All 13 Tips

Work through the four steps sequentially to select the optimal tip for each patient presentation. Begin with treatment area size, then depth, then patient tolerance, then specific condition.

### STEP 1 — HOW LARGE IS THE TREATMENT AREA?

<b>Acupuncture point / micro target</b>	D6
<b>Small — single trigger point / precise attachment</b>	D10 · F-Applicator 1
<b>Small-Medium — standard tendon insertion</b>	D15 · F-Applicator 2
<b>Medium — muscle belly / moderate trigger point</b>	D20 · F-Applicator 3 · C-20
<b>Medium-Large — mid-size muscle group</b>	D25 · C-28
<b>Large — back / hamstrings / quads / broad</b>	D35 · F-Applicator 4 · C-35
<b>Paravertebral — spinal musculature</b>	SPINE-APPLICATOR — always

### STEP 2 — HOW DEEP IS THE TARGET TISSUE?

<b>0 – 20 mm · Superficial</b>	D6 · F-Applicator 1
<b>20 – 35 mm · Shallow</b>	D15 · F-Applicator 1 · F-Applicator 2
<b>35 – 50 mm · Moderate</b>	D10 · D20 · D25 · F-Applicator 2 · F-Applicator 3 · C-20
<b>50 – 60 mm · Deep</b>	D35 · F-Applicator 4 · C-28 · C-35

### STEP 3 — PATIENT SENSITIVITY & TOLERANCE?

<b>Very sensitive — very low tolerance</b>	F-Applicator 1
<b>Moderate sensitivity</b>	D15 · D20 · F-Applicator 2
<b>Normal tolerance</b>	D20 · D25 · D35 · F-Applicator 3 · F-Applicator 4
<b>High tolerance — athlete / chronic</b>	D10 · C-20 · C-28 · C-35

### STEP 4 — WHAT IS THE CONDITION?

<b>Erectile Dysfunction (ED)</b>	D10 — primary urological tip
<b>Peyronie's Disease</b>	D10 — direct plaque targeting
<b>Chronic Pelvic Pain Syndrome (CPPS)</b>	D10 — perineal precision
<b>Calcific tendinitis</b>	C-20 · C-28 — CeraCore cavitation essential
<b>Acute trigger point</b>	D10 · D15 · F-Applicator 2
<b>Chronic stubborn trigger point</b>	D10 · C-20 · F-Applicator 3

<b>Enthesopathy — tendon attachment</b>	D15 · F-Applicator 2 · C-20
<b>Broad myofascial / fascial</b>	D20 · D35 · F-Applicator 4
<b>Deep muscle belly</b>	D20 · D25 · F-Applicator 3
<b>Large muscle group</b>	D35 · F-Applicator 4 · C-35
<b>Paravertebral / spinal muscles</b>	SPINE-APPLICATOR — always
<b>TMJ / CMD / cervical — sensitive</b>	F-Applicator 1 — always
<b>Shockwave acupuncture</b>	D6 — always
<b>Athletic — high energy broad coverage</b>	C-20 · C-28 · C-35
<b>Aesthetic — cellulite / elasticity</b>	D35
<b>Scanning to locate trigger points</b>	D20 — preferred scanning tip

## QUICK REACH CHEAT SHEET

Fast chairside tip selection reference

<b>Gentle and precise</b>	F-Applicator 1
<b>Standard everyday treatment</b>	D15 · D20
<b>Maximum precision — small area</b>	D6 · D10
<b>ED / Peyronie's / CPPS</b>	D10 — primary urological tip
<b>Maximum energy — small area</b>	C-20
<b>Maximum energy — medium area</b>	C-28
<b>Maximum energy — large area</b>	C-35
<b>Broad deep muscle coverage</b>	D35 · F-Applicator 4
<b>Deep focused penetration</b>	F-Applicator 3 · C-28
<b>Spine / paravertebral treatment</b>	SPINE-APPLICATOR — always
<b>Calcification breakdown</b>	CeraCore C-Series — always
<b>Scanning for trigger points</b>	D20 — always
<b>Shockwave acupuncture</b>	D6 — always
<b>Sensitive patient or sensitive area</b>	F-Applicator 1 — always
<b>Athletic — high energy broad</b>	C-35 · F-Applicator 4
<b>Aesthetic protocols</b>	D35

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