





Daon Medical brian@daonmedical.co.kr











Head rotates 360 degrees allowing for much better

coverage of the entire face.

It also helps reduce pain to near zero because you do not have to lift the roller off your skin.





Production Facilities



Sterile Area



Measuring Room





Bonded Warehouse

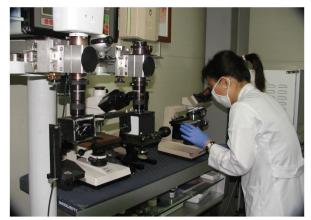
Laboratory



Chemical Lab









DTS Meso roller is Practial in Many Way



DTS® Meso Roller



You will be satisfied with your collagen regeneration and anti-aging using our newly introduced technology!

DTS® Meso Rolling is a procedure which stimulates the skin to produce new collagen formation, thereby reducing wrinkles and improving skin texture.

DTS® is composed of micro needle discs and all components are sterile and skin friendly with no known negative side effects.

It is effective in slowing skin aging and helping skin cell revitalization.



DTS® is a unique device that significantly enhances the effectivness of the Meso Therapty System. 600 medical grade stainless steel micro points painlessly delivers active ingredients into the skin, providing for maximum effectiveness of stimulating the skin's natural renewal process.

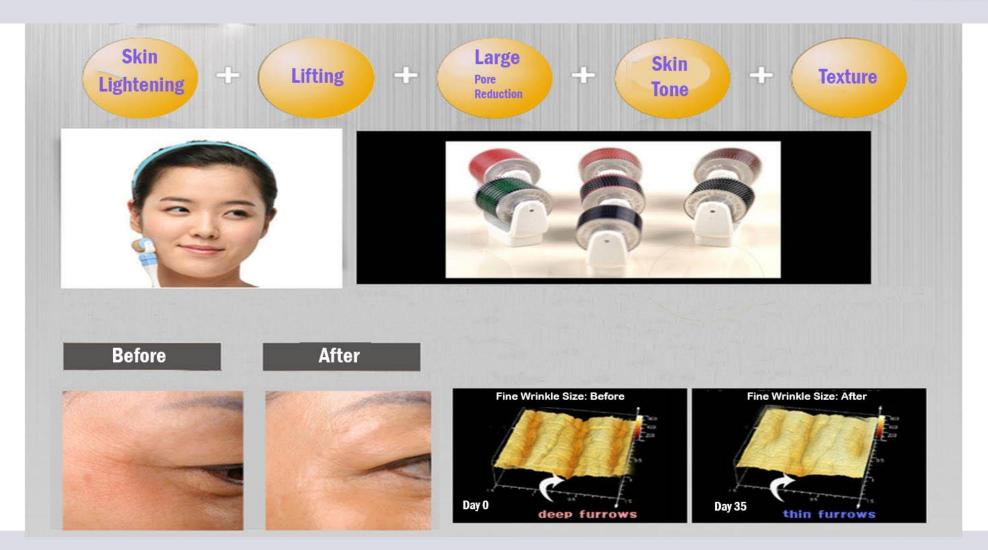


The principle of DTS®, equipped with 600 sterile, non-toxic "micro needles" is that when they are applied to the skin, they create channels at just the right depth into the dermis. The surface of the skin is the main obstruction to the penetration of the skin care products.

Once the needles penetrate, the active ingredients of the skin care products can be delivered to the right area up to 400% more effectively than by applying the products topically.

Painlessly Remove Wrinkles







DTS® Genuine Disc Needle Rollers

For best and safest results, only go with rollers from dtsrollers.com!

Total Skin Rejuvenation

Lifting

Large Pores

Wrinkle Reduction

Skin Tone & Texture

The result of DTS Treatment

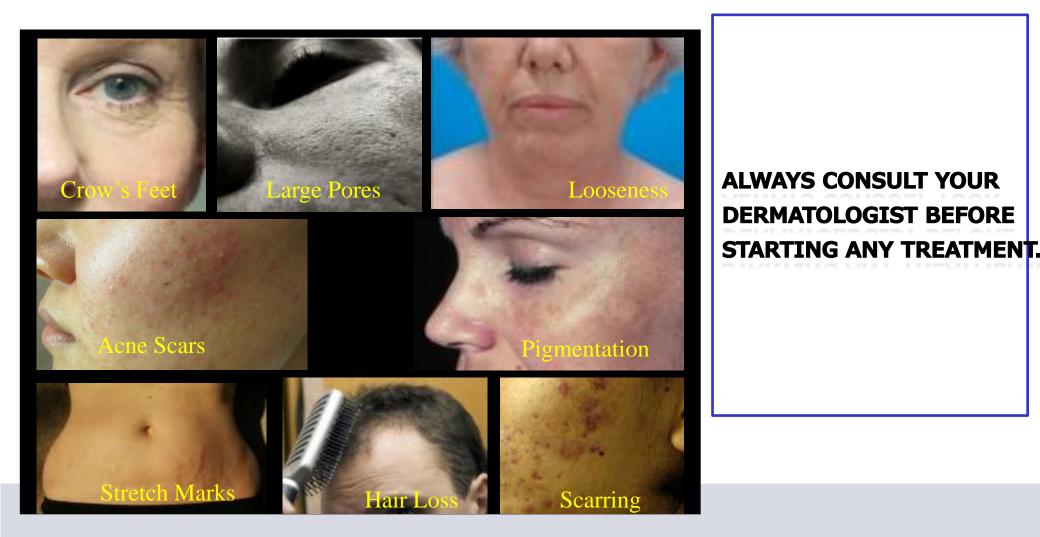
5-weeks Later

After

Before

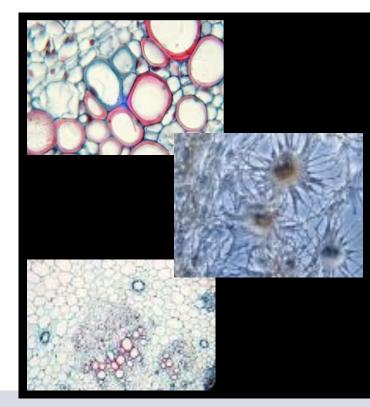
Common Skin Ailments







Natural Healing



No artificial stiffness or burden to the skin. Skin cells (collagen) naturally regenerates. Accelerates Natural Healing A New Concept in Skin Regeneration



MTS® Meso Rollers



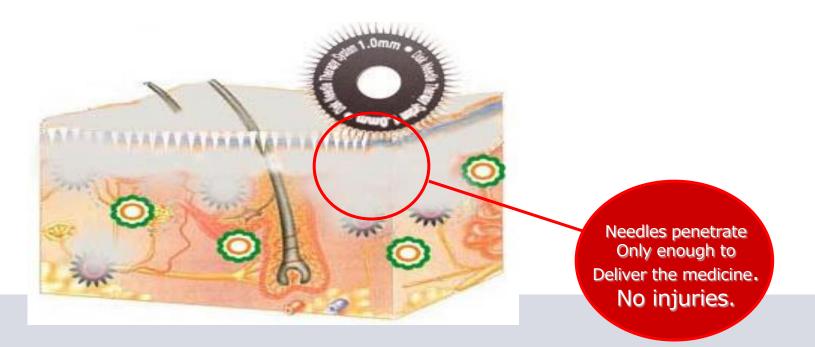
Patented 'cushion' effect, seen above as the colored base, Reduces pain level to zero.

Compared to laser surgery, our meso rollers have consistently proven less expensive and more effective—especially in treating large pores, scars, and wrinkles.



Minimum Stimulus – Maximum Effect

Using our unique, 600-needle roller, the procedure quickly raises absorption rates without any damage to the skin or known negative side effects.





DTS® Meso Roller Skin Penetration Demonstration



When applied to the skin topically, the absorption rate is only around 0.3%.

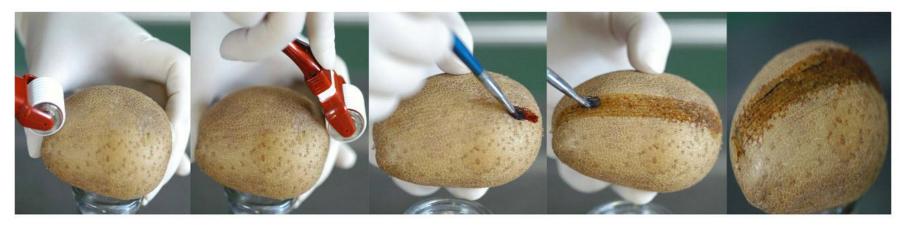


After using our roller (one swipe), the absorption rate is 40 time faster. It is the same with skin.

- Safe, Immediate, and Effective Delivery.
 - 4000% better absorption.
- Stimulates Collagen to naturally regenerate on its own.



Absorption demonstration using a potato. Skin top layer is similar in thickness to human skin. Note how quickly the dye gets absorbed and spreads.



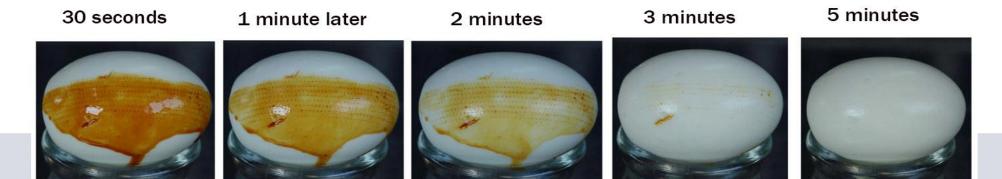
Note the effectiveness of solution absorption after just



Absorption Demonstration (Cont.)

Roll once, apply solution, and brush on solution.





1/30

ROLLERS



Results

One swipe of the roller



Solution totally absorbed



<u>Summary</u>

- Solution Coating B base (Aldrich) 0.005M
- Conditions: each sample: cm² 1000ul
- Size: 100x100mm
- Egg, potato skins
- Disk needling : 1 swipe. Solution applied after five minutes.

In both cases the solution was totally absorbed within five minutes.

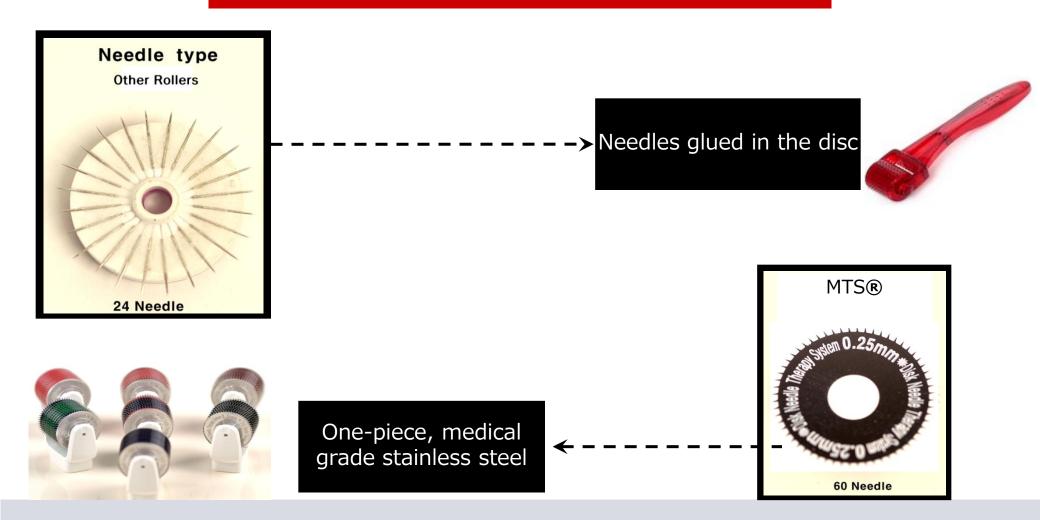


Comparison Chart

Class	DTS® Roller	MTS (Imitation Rollers)	Comparison
Number of Needles	600	192	Greater coverage – Less painful
Needle Thickness	0.15mm	0.25~0.3mm	Approx. ¹ ⁄2 as thick - Less painful
Needles made of:	SUS 304H One piece construction – medical grade stainless	SUS 304 Wire type, individual, bonded with adhesives	Wire type can dislodge into your skin. Adhesives are toxic.
Disc Type	One piece – no adhesives	Needles are glued to a disc	DTS® Far Safer
Injury (Scratching)	Does not occur	May occur	DTS® Far Safer
Pain Level	Minimal	Severe	DTS® Far Less Painful
Redness / Blood Seepage	1/2 to 1 Day	1 to 2 days	Half the time
Chemical Adhesives	None	Utilized	DTS® Far Safer
Roller Head Rotation	360 degrees	Does not rotate	DTS® Far Less Painful

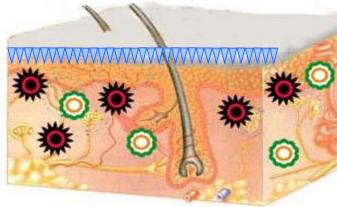


Visual Comparison

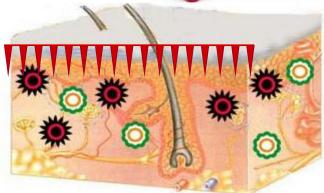




To the exact levelSkin PenetrationGoes past the levelNo tracesSkin MarksVisible perforations600 fine needlesNeedle DensityLess than 200 loose needlesOne half dayResidual PainMore than two daysNoneSide Effectspxic chemical adhesives / needle detachmentNo lingering painPain ManagementPain difficult to treat	MTS ® Imitations
600 fine needles Needle Density Less than 200 loose needles One half day Residual Pain More than two days None Side Effects pxic chemical adhesives / needle detachment	To the exact level Skin Penetration Goes past the level
One half day Residual Pain More than two days None Side Effects pxic chemical adhesives / needle detachment	No traces Skin Marks Visible perforations
None Side Effects oxic chemical adhesives / needle detachment	600 fine needles Needle Density Less than 200 loose needles
	One half day Residual Pain More than two days
No lingering pain Pain Management Pain difficult to treat	None Side Effects pxic chemical adhesives / needle detachment
	No lingering pain Pain Management Pain difficult to treat



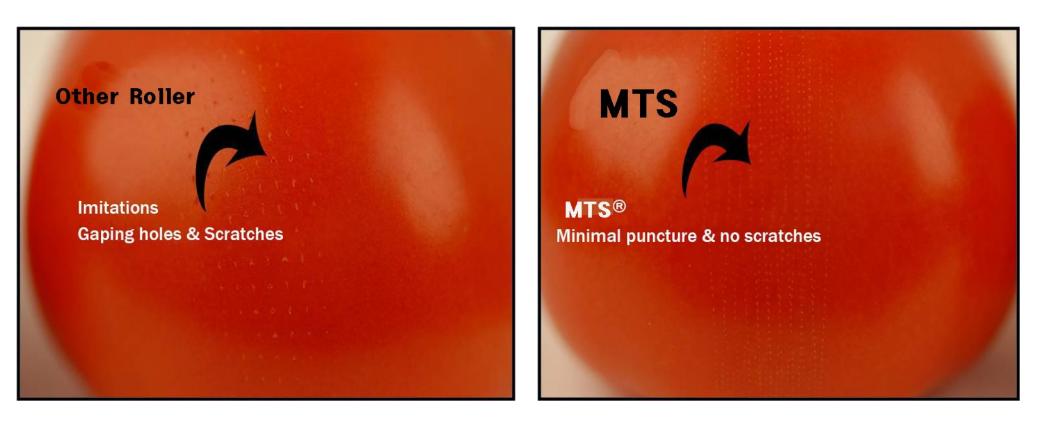
0.25m Fine Needles



0.5m or larger- loose needles



Roller Effect Comparison

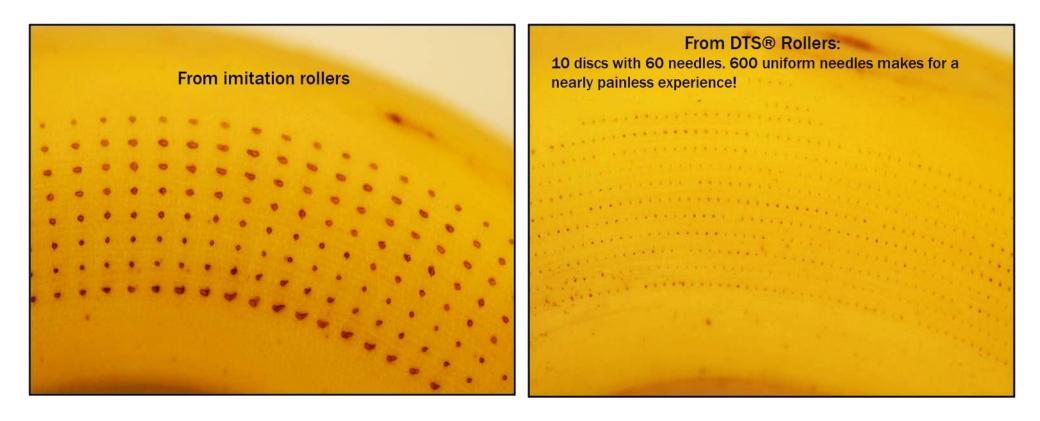


Large, irregular perforations

Fine and uniform perforations



Roller Effect Comparison (Cont.)

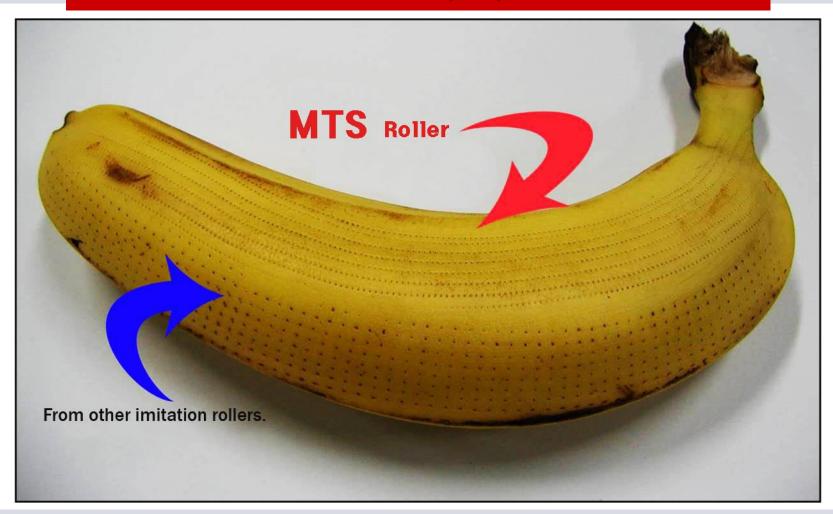


The damage is evident.

No damage, large holes, or scratching.

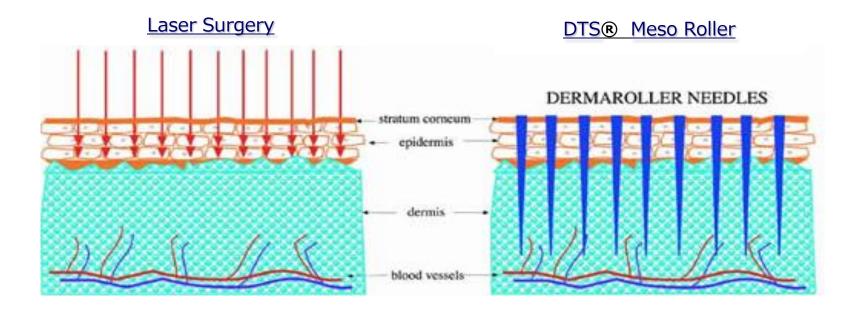


MTS is obviously superior!





Laser Surgery vs. Meso Roller



Laser beam slightly reflected by sweat evaporation.	Effect	Fine punctures allow full entry of solution.
2 nd degree burns and severe damage	After	No injury and full absorption
Only one thin layer of collagen grows.	Reproduction	A collagen layer grows and can be repeated.

Total Special Program



Spots, Wrinkles, and Pigmentation



1 week 3 weeks 6 weeks 9 weeks

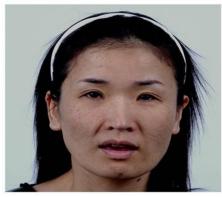
- Age : 52
- Skin problems: Acne scars, wrinkles, pigmentation
- Treatment period : 12 weeks (once per week for 3 months.)
- Effects: scars, wrinkles and pigmentation greatly reduced.

Total Special Program 호간



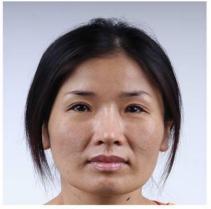
Clinical Cases

Before



Week 1

After



Week 12



Total Special Program



Clinical Cases

Before



Week 1

After

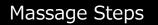


Week 12

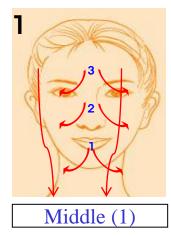


Pre-Rolling Face Massage

2



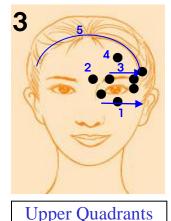
Pre-rolling massage gently stimulates circulation and increases effectiveness of the program.



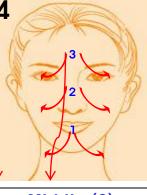
With two fingers gently pat - swipe downwards and outwards starting just below, the lips. Motion as shown, two or three times Follow suit on the bridge of the nose, and finally, the forehead.

QWV 3 intes. 2 1

Start with your fingertips at the black dots and use a tapping / massaging motion –every five seconds, working your way up to the ear as shown. Do th for both sides.



Very gently start at '1' and use an outward and gentle pressing motion, following the dots to the hairline. Do this for both sides.



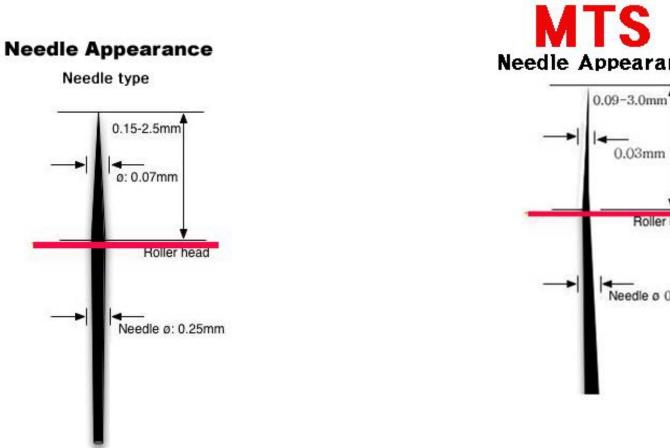
Lower Quadrants

As in number (1) above, do this again making sure to fully address below the chin.

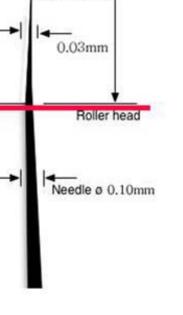
Middle (2)

Needle tip comparison





Needle Appearance



Instruction Manual



How to use

► Step 1

Cleanse your face and hands. Deep cleansing or skin scrubbing maximizes the effect of disk needling.

Step 2

Massage your face with a massage roller. Maximize needling effects by relieving stress on your skin and muscle. * You can skip Step 2 if you do not have a massage head.

► Step 3

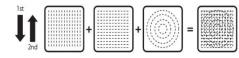
Start rolling.

Hold the body, place the roller on the treatment area and roll twice in each direction.

Avoid areas around the eyes and mouth as well as thin skin.

Do not apply excessive pressure on your skin.

Skin treatment should last from 5 to 10 minutes, 2 times a week. When treating curved areas such as your cheek and thin, push up the DNC logo to rotate the head. Rotating the head by 360° makes treatment more convenient and easier.



► Step 4

Apply cosmetics or medicine if needed.

Leave them on your skin for about 5 to 10 minutes for deep absorption into your skin through multiple holes.

Step 5

Soothe and calm your skin.

Apply a pack, facial mask or moisturizer on the treated area for soothing, cooling and calming.

If you have a cooling head, roll it over the treated area for about 10 minutes. * To maximize the effects, place the cooling head in the freezer for 10 to 20 minutes prior to use.

► Step 6

After the treatment: Apply sun block cream and avoid exposure to strong UV and artificial heat, such as sauna.

After the treatment

- Flush or tingling on the skin that you may experience after rolling will be gone in two or three days.
- Constantly apply moisturizer if you feel dryness on your skin.
- If you see any hypersensitive reaction, please stop the treatment immediately and consult a doctor.
- Conditions after treatment may vary.

Tip

the head.

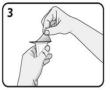
► How to replace the head



Hold the body tightly and pull out The head will be detached from

2

the body.





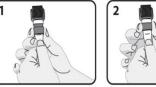
Unseal the refill head.

Attach the head to the body.



Make sure the head is properly connected to the body.

► How to fix or rotate the head:



Hold the body with one hand, and To rotate the head, push the logo hold the DNC logo with the upward. thumb and the index finger of





The head will be rotated

your other hand.

3

To fix the head, pull the logo downward.

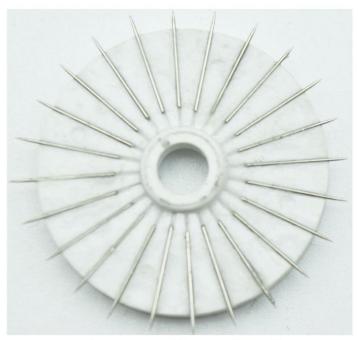
Specification

Head Type	Length	Purpose	Remark
	0.25mm	Home	
	0.5mm		
Head Type	1.0mm	Professional	Replaceable head medical stainless stee
	1.5mm	rioressionar	
	2.0mm		
Massage	N/A	All	etc
Cooling	N/A	All	etc

MTS® vs. Cheap Imitations



Other needle VS MTS needle







Structure of general needle

Needle type vs. Disk Needle type



Other needle VS MTS needle



Structure of general needle

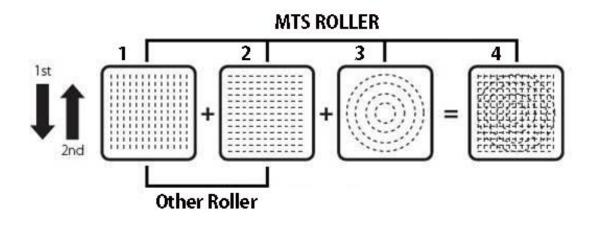


MTS disk needle

Genuine Rollers by MTS have heads that rotate 360 degress

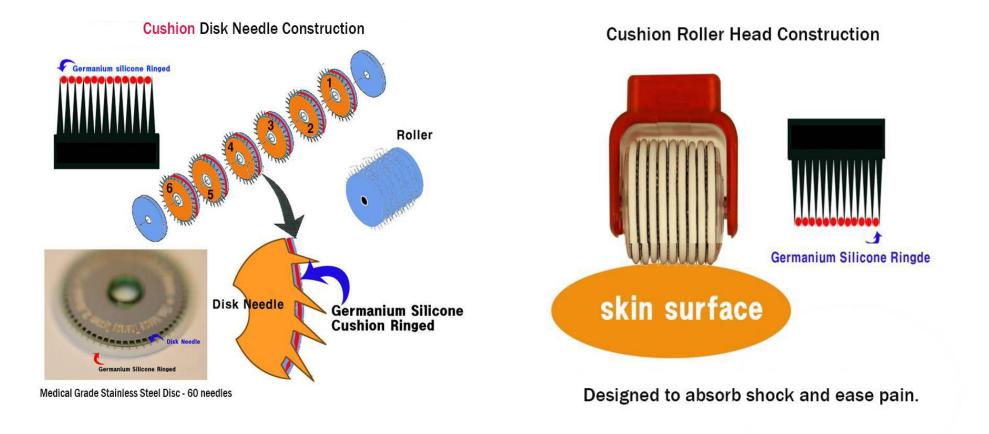
Having a head that pivots gives you a much more comfortable and painfree experience. You are able to move in any direction you like without lifting the head off your skin. This provides for wider, and more efficient coverage.

To rotate the head, pull up on the blue DTS logo and rotate into 'free'mode. Imitation rollers do not have this capability. Always go with the safest and most efficient rollers from Rollers Co., LTD.





Cushion Needle Roller(CBR)

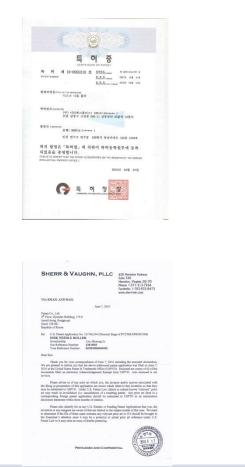


Patents





	특 허 중 CERTIFICATE OF PATENT
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