

6D Tape Inc.





Six-Dimensiona Activation

Our mission is to produce next-generation solutions for all who need faster healing and an improved quality of life.

Global Headquarter is in Sipoo, Finland.

Current product portfolio

6D Tape products: CE MDR 2017/745/EU: Class 1; USA FDA Class 1, 510(K) Exempt, KGX, #21 CRF 880.5240, Listing #D442239, Patented.

6D Action Device products: EU CE, EN 60335-1:2012 +A11:2014; USA FDA Class 1,510(K) Exempt, ISA, #21 CRF890.5660, Listing #D442242.





Contacts



Tapani Taskinen

CEO, D.Sc. in Industrial Engineering & Management Tel. +358 50 544 8444 tapani.taskinen@6dtape.com

Jussi Karkela

Sales & Clinical Director, B.Sc. in Physiotherapy Tel. +358 44 276 3987 jussi.karkela@6dtape.com

Head Quarter Address

6D Tape Inc. Iso Kylätie 47 04130 Sipoo, Finland

www.6dtape.com

Part 1: 6D Tape – Backround – Theory – Principles



6D Tape: Core features & technologies

6D Tape has many therapeutic uses

6D Tape contraindications

6D Tape treatment activates the lymphatic system

6D Tape feasibility study

6D Tape treatment examples & results



Part 2: How to treat with 6D Tape?



Treatment protocol for 6DTape manipulation

Watershed areas and directions of flow

6D Taping in practice

Treatment videos / training with videos

summary



6D Tape taping Video



<u>Treating the lower</u> <u>back symptoms with</u> <u>6D Tape:</u>

- 1. Start: activating the left venous angle
- 2. Treatment of lower back symptoms
- 3. End: activating the left venous angle

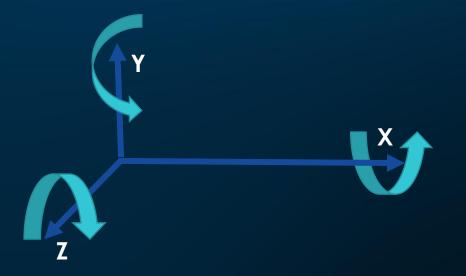




6D Tape core technologies



1 – 6D manipulation





Six directions are along the X, Y and Z axis, including rotation around the axis.

Controlled, painless and safe manipulation





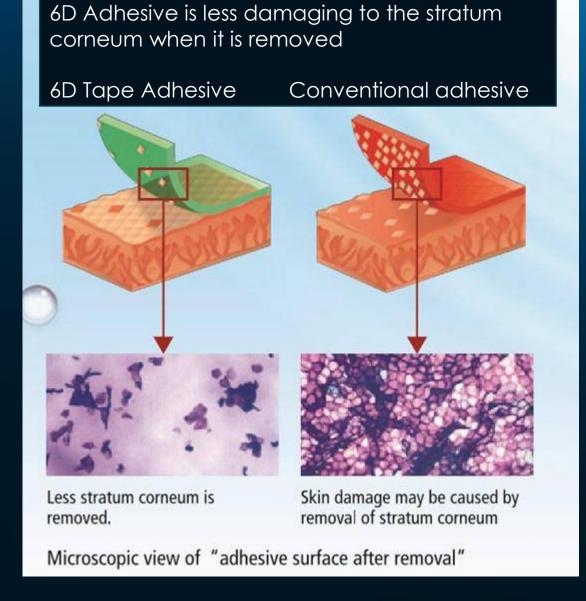
Six-Dimensional Activation



6D Tape core technologies

#2 – skin-friendly adhesive

The left picture shows how the 6D Tape adhesive is gentle on the skin when the tape is removed. The picture on the right shows how the adhesives of regular kinesiology tapes and other therapeutic tapes damage the protective top layer when removed.

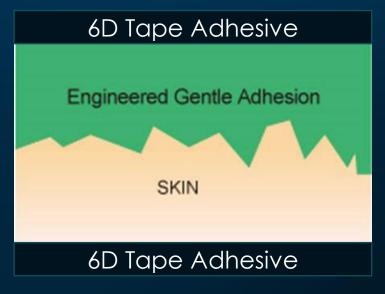


Stratum Corneum Protection System



6D Tape core technologies # 3 – excellent adhesion





of the skin, as shown in the picture on the left.

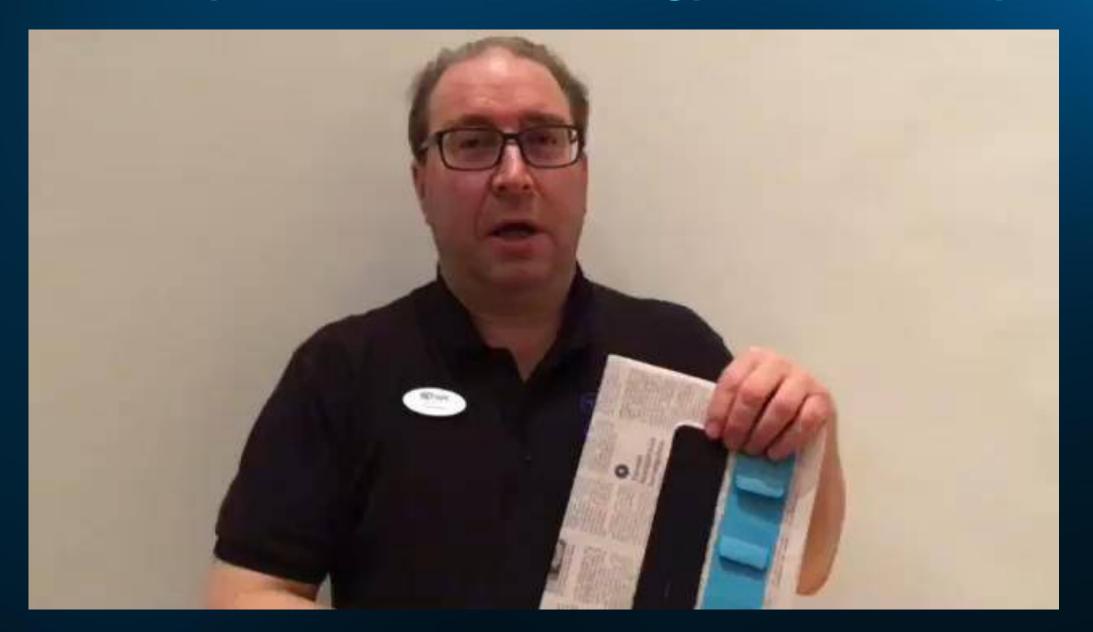


Regular tapes use strong adhesives
that will not conform to the skin's
surface, as seen in the right picture.
This is why regular tape will damage
the top layer of the skin when
removed



6D Tape adhesive technology is skin-friendly





6D Tape core technologies # 4 – skin friendly base material



1.
A unique,
elastic and
skin-friendly
kinesiology
tape that is 98
percent cotton

6.
No latex or rubber is used

2.
The 6D Tape is elastic between the handles

3.
6D Tape will also breathe, and it is designed to be worn for 2–10 days.

4. waterproof, making it safe for saunas, showers, swimming and so on.

5.
Hypoallergenic
and suitable for
use on highly
sensitive skin..



6D Tape core technologies # 5 – skin friendly handle material



1. The 6D handles are soft, as they are made with 100 percent polypropylene fibers that are used in baby diapers, for example.

2.
A good grip, as the material is not flexible

3.
Handle will also breathe, and it is designed to be worn for 2–10 days.

4. waterproof, making it safe for saunas, showers, swimming and so on.

6.
No latex or rubber is used

5.
Hypoallergenic
and suitable for
use on highly
sensitive skin..



6D Tape core technologies

#6-active self-care 24/7

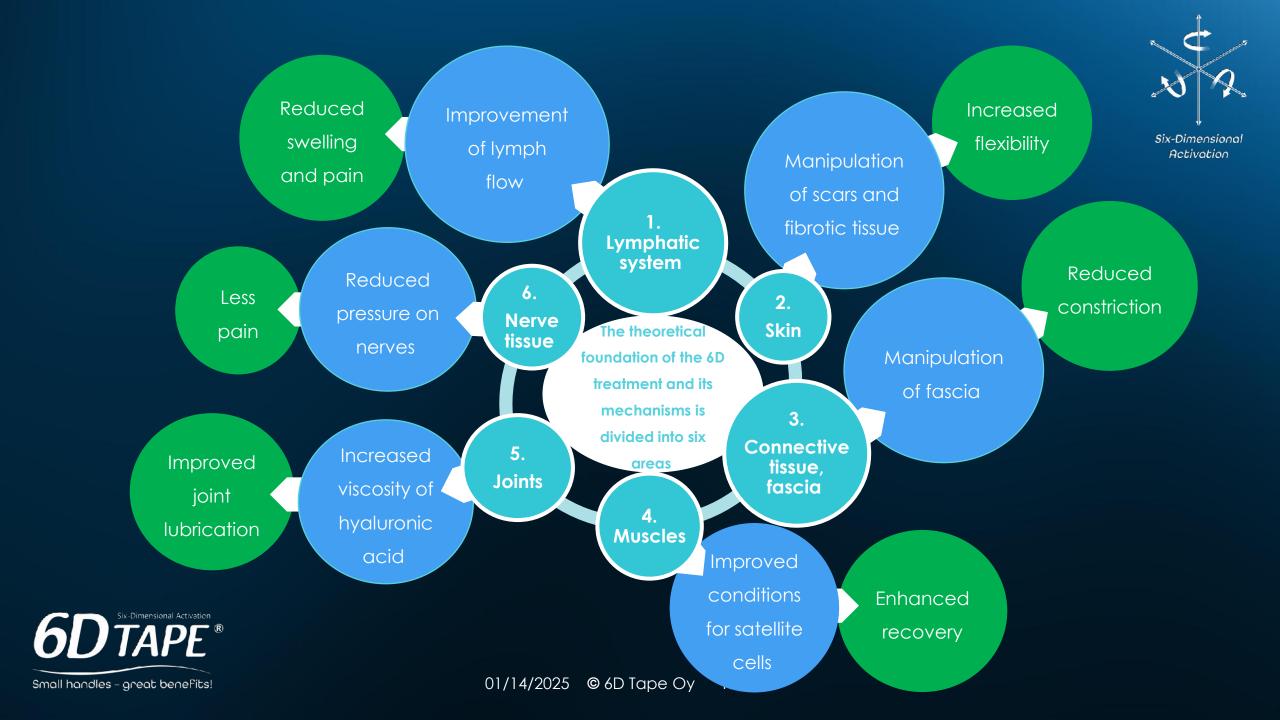












Indication Segments

Edema, Swelling, Scar, Wounds, Fascia, Fibrosis, Muscles and Pain



Activation















6D Tape indications

- Scars and fibrosis
- Swelling and pain
- Acute and chronic injuries
- Back pain, herniated discs
- Sprains and injuries to muscles and ligaments
- Neck pain
- Shoulder injuries and pinched nerves
- Joint problems
- Plantar fasciitis
- Medial tibial stress syndrome, or shin splint

- Golf and tennis elbow
- Postoperative rehabilitation
- Lymphedema
- ITB syndrome, hip bursitis
- Osteoarthritis
- **Bruising**
- Sports injuries
- Etc.







Activation

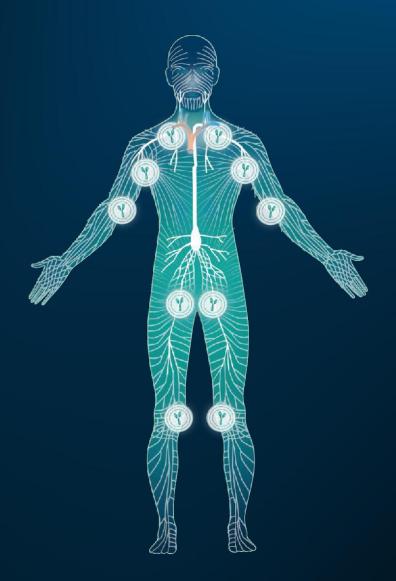
6D Tape absolute and relative contraindications



- * Contraindications of physiotherapy, lymphatic therapy and massage
- Acute infections no tape on the site
- Fresh blood clots
- Ongoing cancer treatment *
- Severe heart failure
- Do not put 6D Tape on open wounds
- Do not put 6D Tape on stiches
 - No tape under garments







Lymphatic system



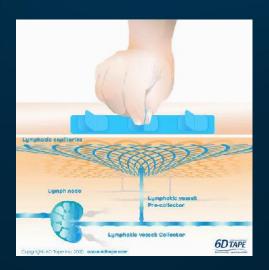
Lymph flow is part of the body's immune system.

Different parts of the body contain lymphatic tissue that protects the body from microorganisms and harmful substances. Lymph fluid transports lymphocytes, or white blood cells, to the lymph nodes, where the lymphocytes destroy harmful substances and eliminate pathogens.

The function of the lymphatic system is to return the substances belonging to the lymphatic load from the extracellular fluid, or tissue fluid, back into the bloodstream. Such substances include water, proteins, dead cells, fatty acids, cell metabolites, bacteria, and viruses.

The key is to understand that if proteins cannot exit the extracellular space, for example as a result of tissue damage, they absorb fluid via osmosis, which results in the swelling of the tissue.

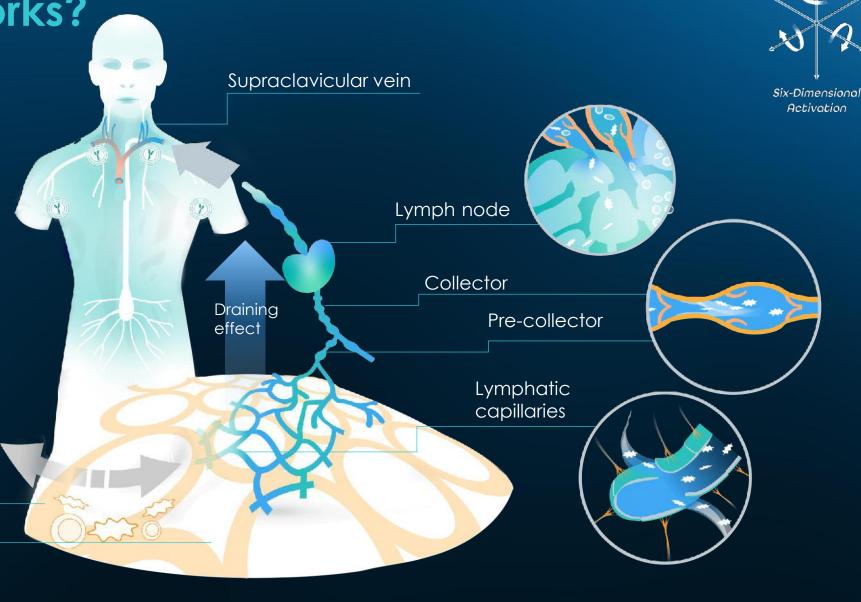
Why 6D Tape works?



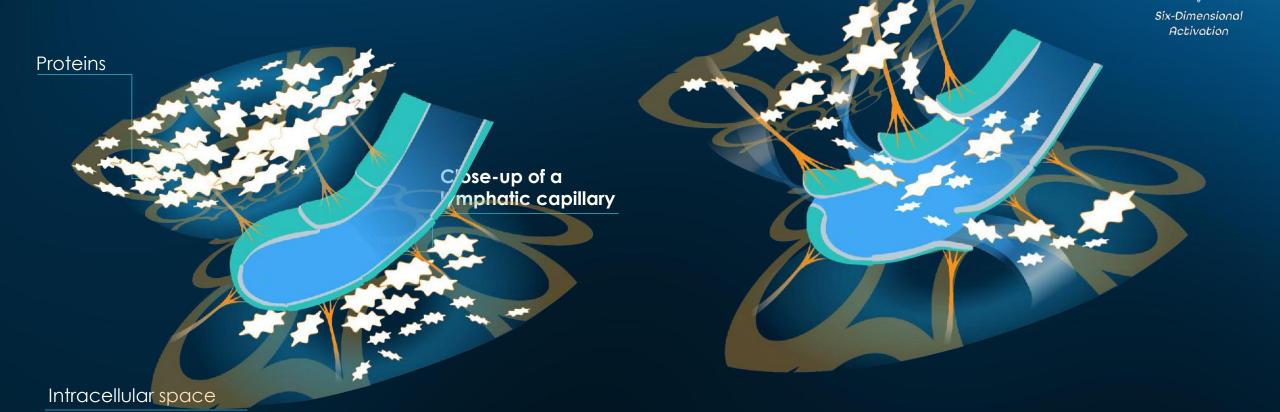
Proteins

Intracellular space





Why 6D Tape works?





> Filamentti proteiini

Why 6D Tape works?



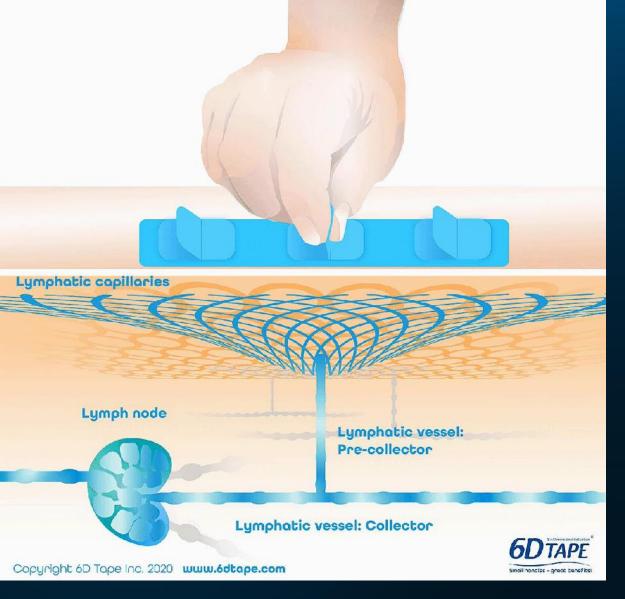


Lymphatic collector

Proteins

Close-up of a lymphatic collector





6D Improves Lymphatic Circulation

- Six-Dimensiona Activation
- ☐ Active manual self-treatment
- □ Reduces swelling and pain
- Releases scars and fibrosis
- Accelerates healing
- ☐ Tool to support the work of the physiotherapists and other professionals

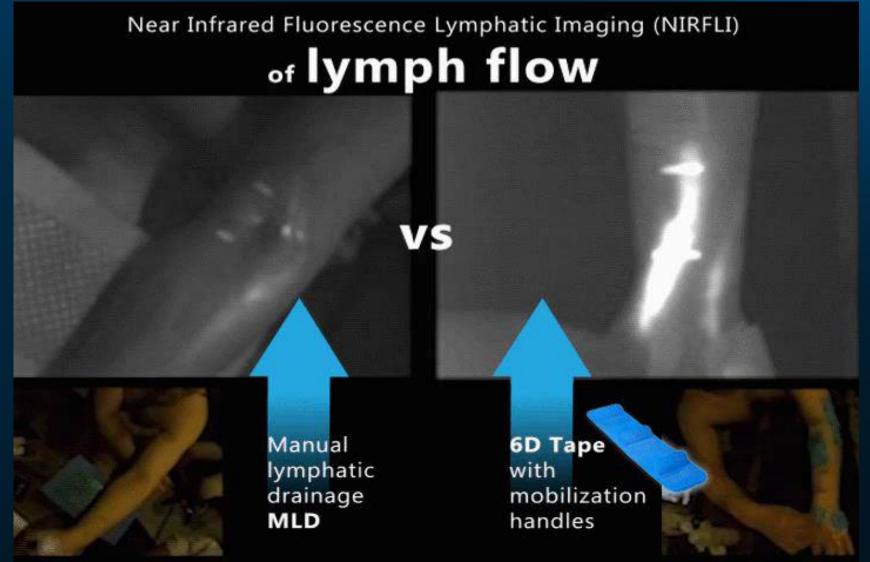
Scientific Proof with Imaging



Activation

Proved effect on lymph flow:

6D Tape® (right)
vs
MLD (left)





6D Tape feasibility study



The research question was 'Does 6D Tape have a local effect on the flow of lymphatic fluid in a normal lymphatic system?'

The study was coordinated by:

Jean-Paul Belgrado, PhD, Email: <u>belgrado@ulb.ac.be</u>

Lymphology and Rehabilitation Research Unit's

Faculty of Motor Skills Sciences, Laboratory of Sciences of

Motricity

Université Libre de Bruxelles

CP 640

Route de Lennik 808

1070 Brussels

Belgium

Watch a video on the feasibility study on the 6D Tape website:

https://www.6dtape.com

01**014/2025**25



6D Tape feasibility study

The research method chosen was contrast medium imaging. The medium was injected into soft tissue and its passage and rate of travel were recorded on video in real time. The visualization was created by using two cameras: one recording the skin and the other recording the movement of the medium under the skin.

The upper right image shows the contrast medium being injected into the tissue. The lower picture shows the measuring lines between which the flow of the contrast medium is examined. The interval between the measuring lines was 50 mm





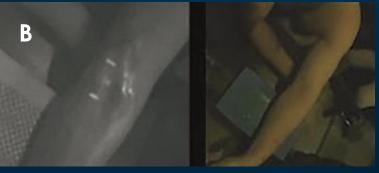


The distance
between the lines
of measurement of
the fluorescent
agent test was 50
mm.

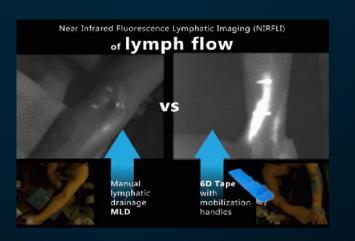




A: Rest



B: Voluntary mobilization





C: Manual lymphatic drainage





Mobilization with five handles of the 6D Tape

6D Tape feasibility study



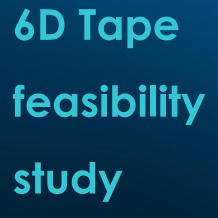
Experimental condition:

- Condition A: Rest
- **Condition B:** Voluntary mobilization (flexion – extension)
- **Condition C:** Manual lymphatic drainage (MLD, Fill & Flush Method)
- Condition D: Mobilization with a single 6D Tape handle
- Condition E: Mobilization with five handles of the 6D Tape

6D Tape Feasibility Test

6D TAPE





6D Tape feasibility test video short version

https://youtu.be/Xz-

O6t7BxwY





The 6D Tape strip that is manipulated is placed over the right side of the hand.

Scientifically Tested with NIRFLI-imaging

6D Tape is the first and only therapy tape that has positive scientifically proven results with Near Infrared Fluorescence Lymphatic Imaging for improving fluid and lymph flow. In the Table below 6D Tape treatment is compared with manual lymphatic drainage, s_{ix} muscle mobilization and rest condition.

	Variable/Condition	Rest A	Muscle Mobilization B	MLD, Fill&Flush C	6D Tape / One Handle Strip D 1 D 2 D 3			6D Tape / Fiv	e One Handle E 2	Strips E 3
	Presence of	Very	Small	Clear	Clear	Clear	Clear	Clear	Clear	Clear
	Lymph Bolus Traffic	limited	sign	sign	sign	sign	Sign	sign	sign	Sign
_	Increase of Lymph Bolus Traffic	No	Very limited	Pulse in each manipulation	Continuous but low	Continuous but low		Continuous, rapid in the end	Continuous, rapid in the end	Continuous, rapid in the end
	Sequence Lenght [s]	300 sec	74 sec	42 sec	70 sec	187 sec	148 sec	29 sec	47 sec	32 sec
	Manipulation Technique	Rest	Wrist Movement	Fill & Flush	Pull, Rotate, Horizontal Move			Pull, Push, Rotate, Horizontal Move		



Conclusion: 6D Tape treatment promotes fluid flow from the extracellular space into the lymphatic capillaries and further into the superficial lymphatic vessels.

The Study is published in the journal Lymffis, issue 2/2019, in Finnish. The study is also available in English and in German. For more information about the research look at https://www.6dtape.com/research-results/ and download the research paper.



Our Customers Love Us

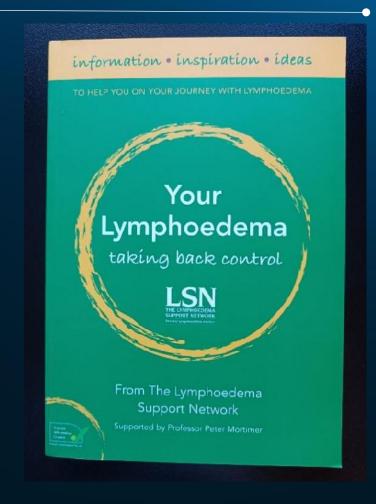


Activotion

"This tape has proven useful in selfmanagement to help stimulate lymph drainage more pro-actively.

It is also extremely effective at helping release tight scar tissue – which again helps reduce localized congestion."

Excerpt from the book Your Lymphoedema – Taking Back Control, Lymphedema Support Network, UK.





Benefits of one hour edema treatment with 6D Tape







6D Tape – A Breakthrough in Advanced Wound Care and Scar Management



- In the world of wound care and rehabilitation, the quest for effective and innovative solutions is ongoing.
- We are excited to introduce 6D Tape, a gamechanger in managing edema, swelling, scar tissue, and pain.
- Combined with surgical post-operative film dressings that inhibit bacterial growth (like Leukomed Sorbact), 6D Tape provides a holistic strategy for managing wounds and scars. This is particularly effective for post-C-section recovery as well as orthopedic wounds and scars that arise from both trauma and surgery.





Treatment of a Scar Tissue in the Wrist









Benefits for the patient –



as told by 6D Tape customer six-Dimensional

A customer of Physiotherapist and Lymphatic Therapist Christian Samp underwent knee joint surgery in October 2019 in Germany.

The customer now has issues with swelling and scarring as well as a limited range of motion.

The video shows the patient treating himself with 6D Tape – a one-handle piece of tape is placed on the venous angle in the supraclavicular fossa.

The person works with 6D Tape 5 times a day.

The result is a 2 cm smaller knee circumference in one day! Knee 6D taping will be discussed in more detail in the treatment section of this presentation later.

Benefits for the patient – as told by 6D Tape customers

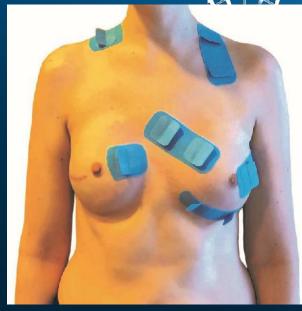
Said by our customers: "Background: A 30-year-old breast cancer survivor, with breast tissue removed from both sides and replaced with silicone implants.

In this example, a 30-year-old woman shares her experience of 6D Tape treatment after breast cancer surgery. Her breast tissue was replaced on both sides with silicone implants. Subdermal scar tissue has developed in the breast and chest area after the surgery, the skin of the breasts has attached to the implants, and the subdermal tissue and fasciae have constricted considerably. This caused a sensation of pressure and tightness in that region, along with shoulder and neck pain, as well as a restricted range of motion.

Observations and experience of 6D taping:

- •The treatment with 6D Tape provided welcome additional help in treating the issues and made a big impression.
- With the tapes, I was able to treat the problem areas more easily than without them.





- Even the tighter skin can be treated with the tapes, while without the tapes, you couldn't get a good grip on the skin. In particular, lifting the skin and pulling in different directions has been an added benefit of the tape treatment.
- After treatment, the tissue is softer and more flexible. My skin is becoming more elastic week after week.

Benefits for the patient – as told by 6D Tape customers

- Manual handling of areas takes physical strength and can be difficult, but the handles are easy to hold and they can be used to mobilize the area in multiple directions.
- When the tapes are placed on the area to be treated, they also remind me to repeat the treatment more often.
- Placing the tapes was easy. The tape has not caused any skin problems, not even any irritation or redness, although normally even band aids left in place for a few hours cause irritation for me.
- I have also used 6D Tape for treating sore knees, for example. I've had long-lasting pain there that was reduced after just a week of "tape wiggling" and other stretching.





With 6D Tape, treatment is more efficient and easier compared to treatment without tape. It's also inexpensive compared to physiotherapy visits."



6D Action Techniques Video



Activation

Pulsation

Lift and twist

Gliding







Treatment protocol for 6D manipulation

Watershed areas and directions of flow

6D Taping in practice

Treatment videos / training with videos

summary



6D Tape treatment protocol



1. Getting started

Always start the treatment from the lymph node area located in the venous angle. (one minute, 10-15 manipulations)

2. Continue to manipulate the lymph node groups one at a time and by moving towards the treatment site.

3. Treat the treatment site. (around 5 minutes)



End the treatment by manipulating the lymph node area of the venous angle.

4. Move back from the treatment site via the same lymph node groups and back to venous angle.



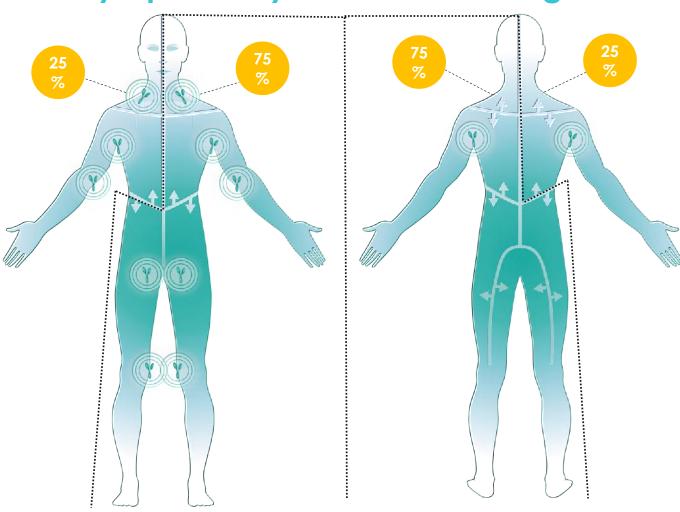


The lymphatic system – watershed areas and directions of flow **Upper horizontal** watershed area Vertical watershed area Lower horizontal watershed area Gluteal watershed area 010141292525 @ 60 Tape Oy Small handles - great benefits!

NA

Six-Dimensional Activation

The lymphatic system: venous angles



Most of the lymph is returned to blood circulation through the venous angles (angulus venosus), which are junctions of about 1.5 to 2 centimeters in size at the bottom of the neck (in the middle of the supraclavicular fossae).

The left venous angle returns some three quarters of the body's lymph into circulation, and it covers the lymphatic fluid of the left upper quadrant of our bodies and both our lower limbs.

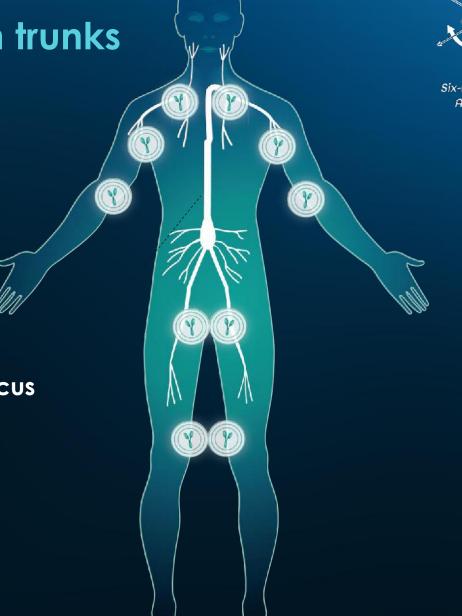
The right venous angle is responsible for returning about one quarter of the body's lymph back into circulation. It receives the lymph from the right upper quadrant of the body.

The lymphatic system – large lymph trunks

The body's largest lymphatic vessel is the thoracic duct (ductus thoracicus), which drains into the left venous angle.

ductus thoracicus





6D Tape: Taping in Practice





6D Tape: Taping Instructions

1. Check – The skin must be clean, dry, and hairless.

2. Cut

- Cut the tape to the desired length and round the corners of the tape, or
- use a self-care kit with pre-cut tapes.



- Carefully remove the backing without touching the adhesive surface with your hands.
- The recommended stretch is 0%, but the tape can be stretched by 15% if necessary.
- Carefully rub the tape so that it adheres fully to the skin.
- **4. Activate** Use the handles to move the tissue in different directions: lift, twist, stretch and press.
- 5. Remove The recommended wear time for 6D Tape is 2–10 days.





Part 2: How to treat with 6D Tape?



Treatment protocol for 6DTape manipulation

Watershed areas and directions of flow

6D Taping in practice

Treatment videos / training with videos

summary



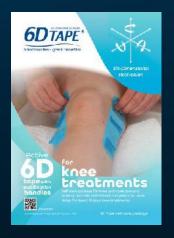
6D Tape is for active self-care, physiotherapy, and lymphatic therapy - 6D Tape is suitable for many scar, 20 edema, and pain related indications



6D Tape® **Self-Care Packages**











6D Tape® 5-m Rolls







6D Action® Clinical Pro **Negative Pressure Device Precisely Controlled Cupping**











6D Tape – Universal tennis and golfers elbow

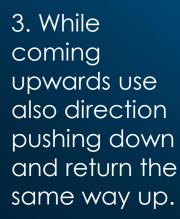


Activation



1. one minute (10-15 x) left neck

2. Manipulate elbow by starting lifting upwards from the first handles, then continue the midlle handles and last the lowest handles.





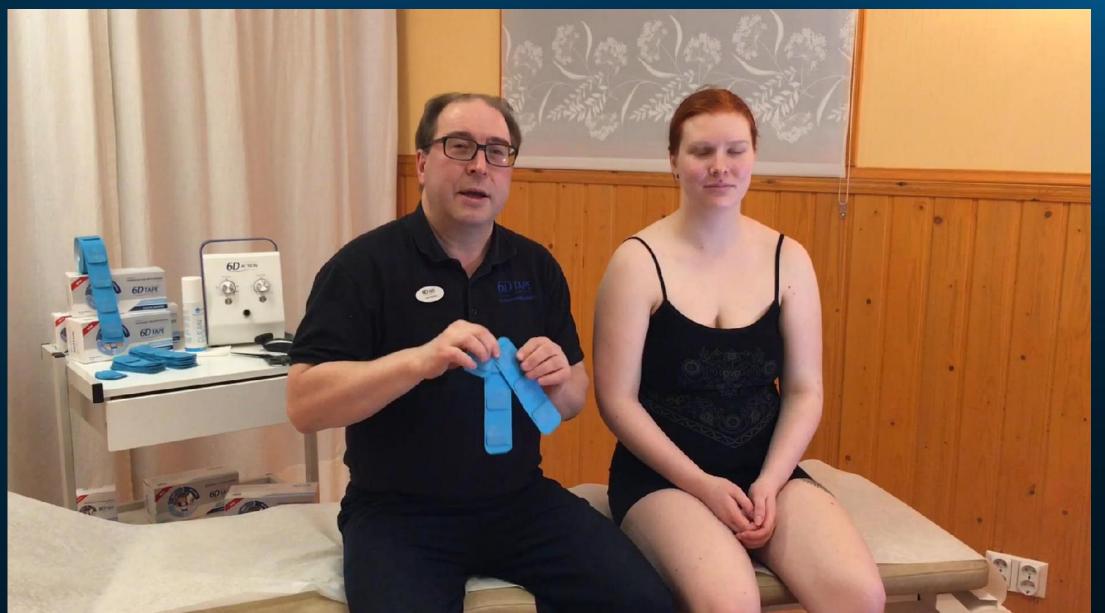




6D Tape – Universal Tennis and Golfers Elbow



Activation



6D Tape – Applications – never just one right solution





Recommended length to use is from 1 to 4 handles, in some special cases longer ones. Less restriction on joint or muscle function = feels more comfortable

The handle can be vertical or horizontal

Tape can be cut between the handles and the widthwise to a desired width, for example face and fingers is good ¼ of a size about 1 cm



6D Tape – Applications – never just one right solution



For lymphatic spider cut leave at least one handle uncut. The legs can be cut to 1-4

The lymphatic taping is not so restrictive in movements as uncut full handle therefore the lymphatic taping can be longer. The "legs" although can come off from the skin easier than full handle.

The smaller the treated area the smaller the 6D Tape should be.

Tape is not generally recommended to overlap but if so the ends should go at least one handle over to secure maximum adhesion





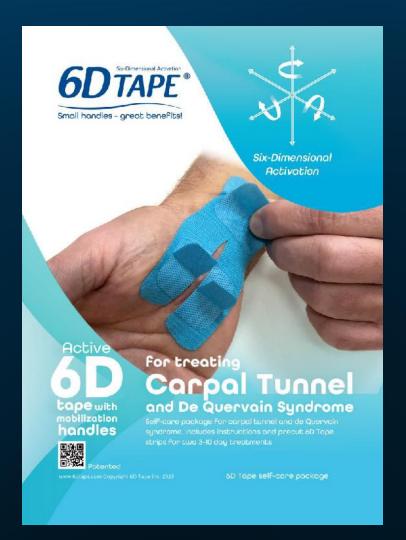
6D Tape – Wrist – Carpal Tunnel – De Quervain

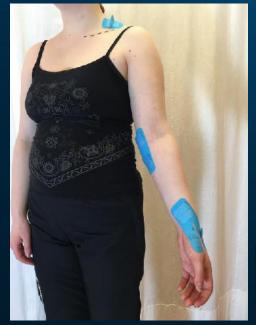












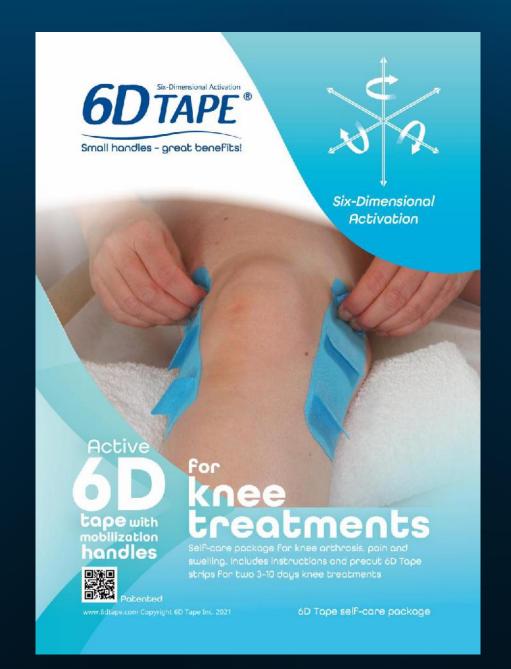


6D Tape – Wrist – Carpal Tunnel – De Quervain





Knee treatments





Six-Dimensional Activation

Knee & Jumper's knee





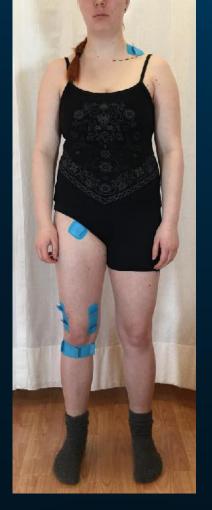
6D Tape – Universal knee + Patellar Tendinitis



1. Manipulate one minute (10-15 x) left neck



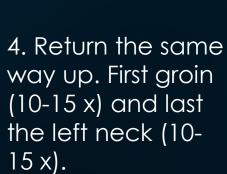
3. Manipulate 5 minutes the treated knee.



Patellar Tendinitis – jumpers knee



2. Manipulate one minute (10-15 x) groin above the treated knee





6D Tape – Patellar Tendinitis – Jumpers´knee





6D Tape –Thigh muscles – Hamstrings





Six-Dimensional Activation

1. One minute in left venous angle, 2. one minute left groin, 3. Then 5 minutes on hamstrings and return one m. groin, one m. neck.





Thigh – Quadriceps muscles

"By the end of the season I got 6D Tape for my use. This helped my recovery from an injury, alleviated pain, and relieved inpingement caused by a scar." told Erik Back after finishing 400 meters with his personal best (47,14 s) in the contest between the national teams of Finland and Sweden.

National team athletes Erik Back and Eljas Aalto in the picture.







6D TAPE® Small handles - great benefits!

6D Tape – Calf muscles – Gastrocnemius & Soleus



Activation



1.
Manipulate
one minute
(10-15 x) left
neck



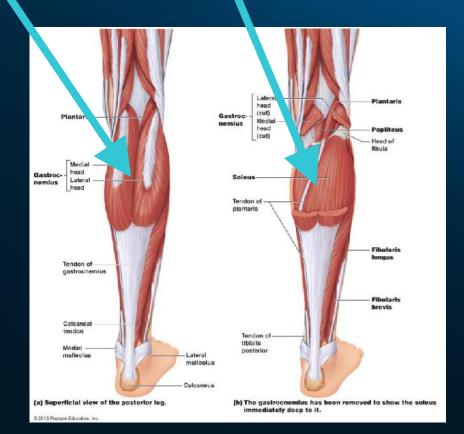
2. Manipulate (10-15 x) groin above the treated knee

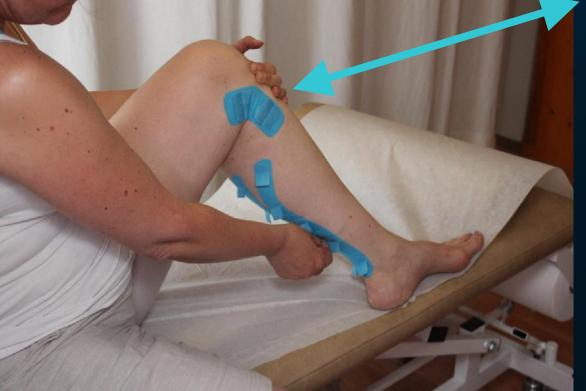


4. Manipulate the calf from upper handles down and then up.

5. Return the same way up. (Knee,groin & neck)

© 6D Tape Oy





6D Tape – Plantar Fasciitis – Heel Spur



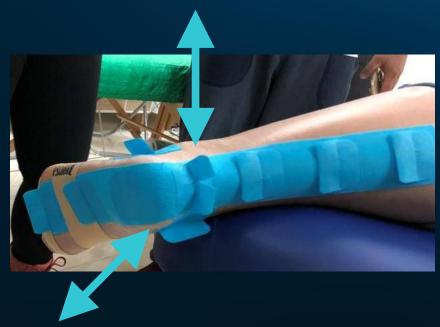
Six-Dimensional Activation

The heel spur is recommended to 6D Tape with short 2 handle application which can be easily replaced compared to long taping. Secure the endings.





Handle can be cut into halfs to secure better formation of the tape like here with achilles tendon.



Under the heal handle is cut off totally away so that it won't press inside the shoe.

6D Tape – Back of the foot

Six-Dimensional Activation

For the foot can be used single handles or three handles cut into the lymphatic pattern.







6D Tape – Upper back – Neck











Why 6D Tape is good for Wound and Scar Healing?



- Enhanced Lymph Flow: 6D Tape's unique ability to increase lymph flow is pivotal in accelerating wound healing and reducing edema.
- Scar Tissue Management: It effectively releases scar and fibrotic tissue, making it ideal for post-surgical recovery and C-Section scars.
- ➤ Pain Relief: The treatment provides significant pain relief by diminishing the swelling that presses on nerves, thereby enhancing patient comfort throughout the healing process



6D Tape – Shoulder











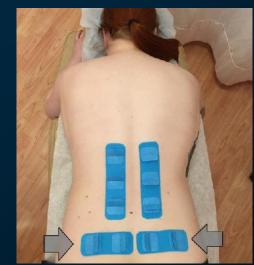






If one has stiff shoulder joint and difficult to reach on the back, the horizontal tape in the lower back can be from 5 to 7 handles.











6D Tape directly over the old scar



Usually 2-4 week after the operation you can go on top to the scar when it is totally healed and no possibilities of causing extra tissue damage.

Treatment is focused directly under the scar.

Especially small areas like fingers, toes, palm or face where space limitations for multiple strips.



6D Taping around the old scar



This approach offers a significant advantage as it enables multidirectional stretching of the scar tissue by applying force from different sides. Taping around the scar is particularly suitable under the following conditions:

1. Enhanced Stretching Force:

Leaving the scar uncovered while taping around it allows for stronger stretching forces to be applied directly to the scar tissue.

2. Adhesion Release:

Targeting tissues adjacent to the scar helps release adhesions, improving the mobility of connective tissues and enhancing overall flexibility.



6D Taping around the old scar



- 3. Pain or Discomfort with Direct Taping: When direct taping and mobilization cause pain, irritation, or discomfort, taping around the scar provides a gentler alternative.
- 4. Alleviation of Referred Pain: Releasing tension in the surrounding tissues can reduce discomfort or referred pain caused by scar-related adhesions and restricted connective tissue chains.





6D Taping both Directly over the scar and around the old scar



6D Tape – Post surgical scar therapy





Total thigh muscle rupture after slipping on a watery golf green. 9 weeks forbidden to bend the knee. Left pic. 3 days after operation. Very important to start mobilization on lymph nodes above the knee as soon as possible from the operation. (Venous angle and groin lymph nodes.)Recovery will happen much faster

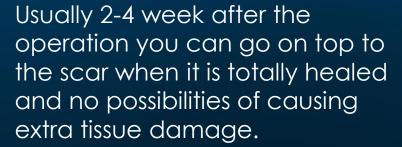




6D Tape – Post surgical scar therapy



Six-Dimensional Activation









Post surgical scar therapy



Six-Dimensional Activation

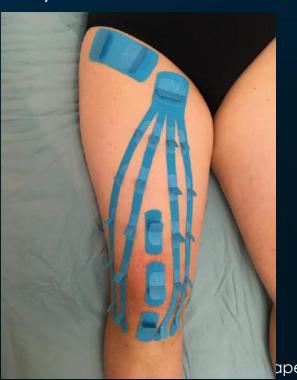
Lymphatic taping without going on top of scar – too sensitive still



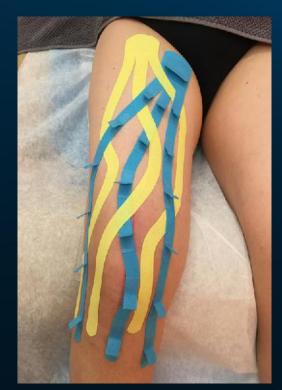
Lymphatic taping with 3 half handles on top of scar – scar not sensitive anymore



Combination
Lymphatic taping
with 6D Tape and
regular kinesiology t.







Our Customers Love Us



"We are using the manual version of 6D Tape in the UK. The feedback from the patients and practitioners has been fantastic."

"Since the new 6D Tape® Pro automated tape will work 24/7, even the most severe cases can perhaps be managed without continuous bandaging or intensive therapy. This is another huge advantage to its use in our field"



- **Denise Hardy**, Clinical Nurse Speacialist, Kendal Lymphology Centre, Kendal, UK

https://www.kendal-lymphology.co.uk/



Read more professional user experience stories at https://www.6dtape.com/blog/

Our Customers Love Us



"In our opinion the new automated 6D Tape® Pro therapy tape will be a revolutionary breakthrough in lymphedema, swelling and scar treatments."

Patryk Gawrysiak, Specialist Physiotherapist in Lymphoedema/Team Leader, and PT Anca Tudor, St Georges Hospital, London, UK





Active 6D Tape with mobilization handles for Scars, Swelling and Pain in UK



Premium tape 2 handles:

10 pcs x 5cm x 12cm, PIP code 434-4818

Premium tape 4 handles:

5 pcs x 5cm x 24cm, PIP code 434-4800

Premium tape:

2 pcs x 5cm x 1m, PIP code 434-4628

Premium tape:

1 pcs x 5cm x 5m, PIP code 434-4602



6D Tape



Thank you for attending

Questions and comments



