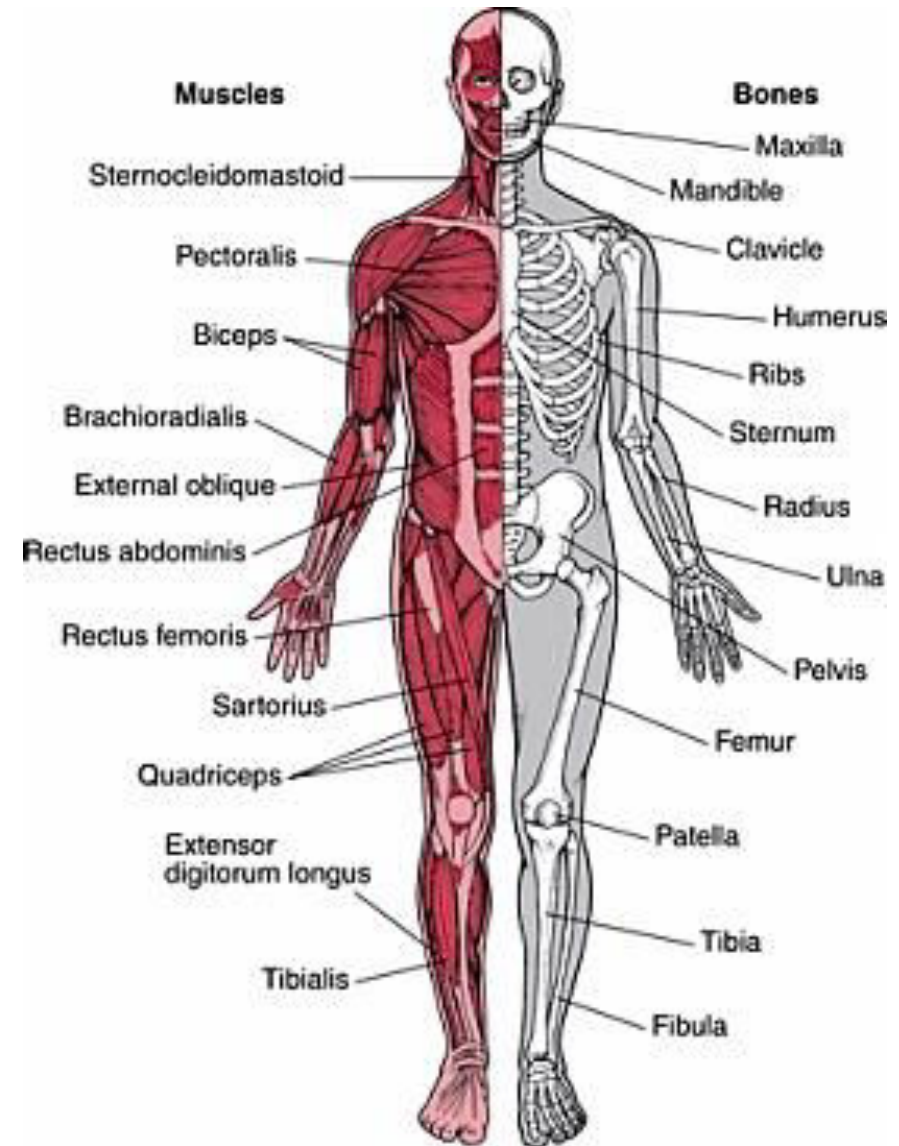


Orthopaedic and Rehabilitation products from Arvind

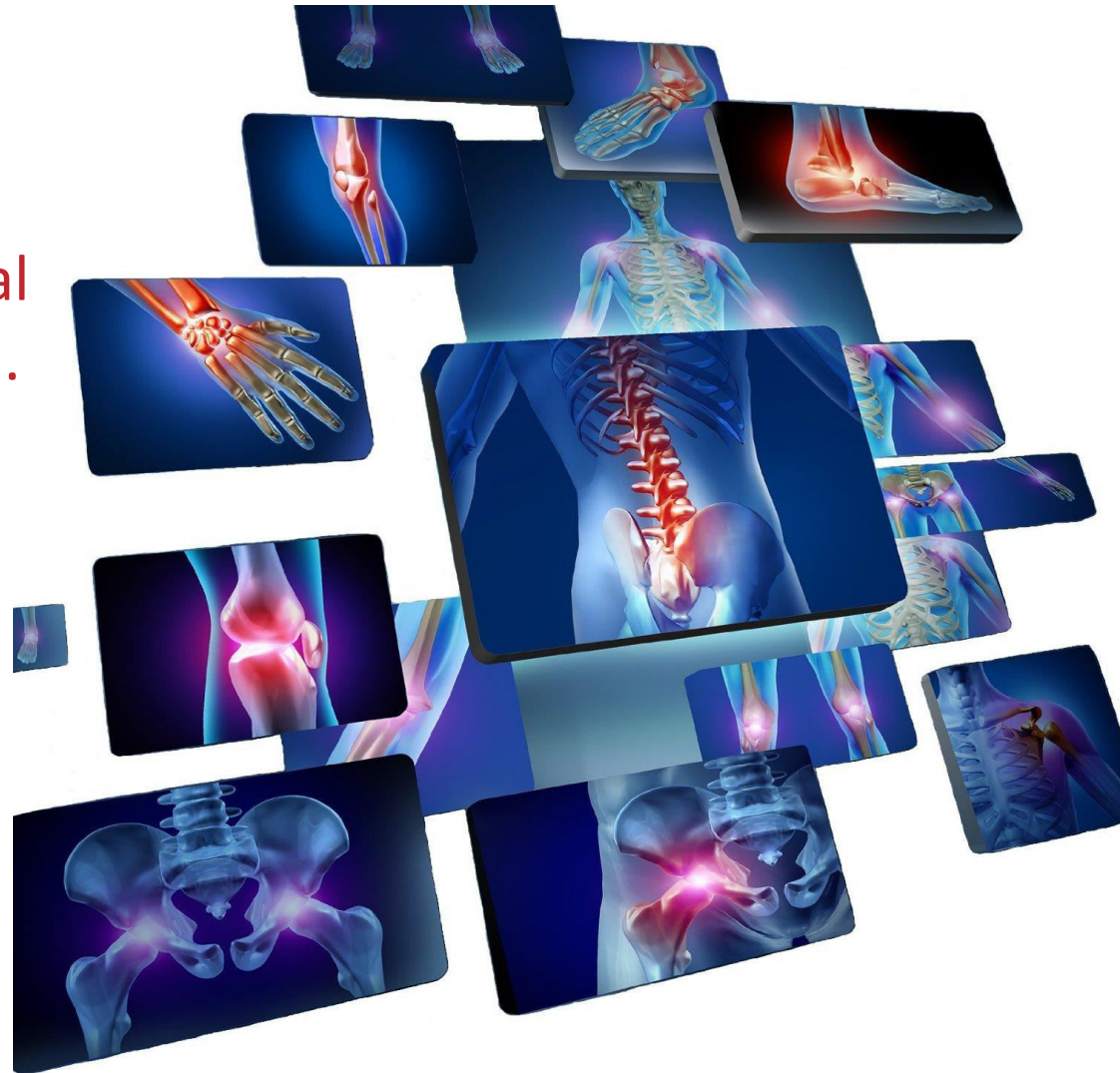
What is Orthopaedics?

Orthopaedics is a medical specialty that focuses on the diagnosis, correction, prevention, and treatment of patients with skeletal deformities - disorders of the bones, joints, muscles, ligaments, tendons, nerves and skin. These elements make up the musculoskeletal system.



What is Orthopaedic rehabilitation?

Orthopaedic rehabilitation is a form of physical therapy that treats a large variety of conditions that affect the skeletal system and the muscular system. It focuses on injuries to the orthopaedic system, which includes muscles, bones, joints, tendons, and ligaments. Physical Therapy is often helpful in the treatment of orthopaedic conditions that can cause pain, decreased strength, decreased range of motion, or swelling.



Global Market Scenario

- a. Global Market Size is \$ 3.2 billion in 2014 and is expected to reach \$ 4.3 billion in 2020, @ CAGR (compound annual growth rate) of 5%
- b. Global Market Leaders include Bauerfeind AG (Germany), Breg Inc. (USA), DeRoyal Industries Inc. (USA), DJO LLC (USA), Ossur (Iceland), Ottobock (Germany) and BSN Medical (Germany)
- c. DJO LLC is the global market leader with a market share of 18.2%. North America leads in geography with a revenue share of 47.8%
- d. Asia-Pacific is the fastest growing geography at a CAGR of 9.6% owing to rising ailments in India and China

Key players in India

1. Viscco Rehabilitation Aids Pvt. Ltd
2. Tynor Orthotics Pvt. Ltd.
3. MGRM MEDICARE LTD.
4. Dynamic Techno Medicals
5. Flamingo Healthcare
6. Oppo, USA
7. LP Ortho
8. DJO Finance LLC
9. Ossur
10. Otto Bock HealthCare GmbH



Products available in the market

- a. Neoprene laminated with polyester knitted fabric.
- b. Compressed Polyurethane foam laminated with nylon spandex fabric.
- c. Cotton-latex knitted braces
- d. Nylon-latex knitted braces
- e. Polyester-latex knitted braces



Our focus area

1. Orthopaedic supports
2. Compression stockings
3. Insoles



Note: All our product are classified under CLASS-I medical devise

Our Invention

Development of “Breathable”,
“Four-Way Stretchable”

Composite for Orthopaedic
Braces and like using

1. Virgin high density polyurethane foam as the core
2. Cotton spandex fabric with wicking and Anti-Microbial properties as inner layer
3. Polyester spandex fabric as outer layer.



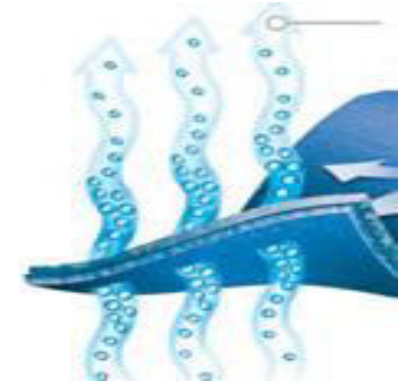
Note: Our invention is PATENT PENDING, No.

201621029802

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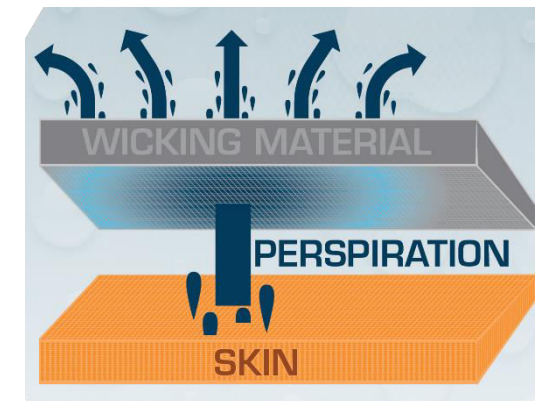
Key Features of our invention

- Our composite is breathable (air permeable) which help reduce perspiration in-turn provides greater comfort to the user for longer period.
- The Four-way stretchable composite provides therapeutic compression from all the direction which in-turn provides improved circulation, coordination, and muscle and joint stabilization to the user.
- Using virgin high density polyurethane foam as the core provides the composite greater stability, stretch-recovery property and compression.







Key Features of our invention



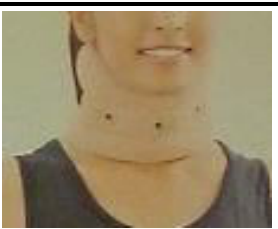
- The core polyurethane foam is bonded to the fabrics by using flame lamination process which avoids skin irritation or allergy while usage.
- Introduction of moisture management system in the inner layer (cotton spandex fabric) which provides comfort against perspiration.
- Introduction of Anti-Microbial property in the inner layer (cotton spandex fabric) which provides protection against microbes and also avoids bad odour by killing harmful bacteria.









Product Range- Orthopaedic Supports

S.No	Anatomy	Product type	Technology	Design	Product code	Colors	Sizes	Picture
1	Back	Lumbosacral Support (Fiber)	Tender Care	OR	BS 6	Skin, Black	S,M,L,XL	
2		Lumbosacral Support (Double Strap)	Tender Care	OR	BS 4	Skin, Black	S,M,L,XL	
3		Lumbosacral Support (Single Strap)	Tender Care	OR	BS 5	Skin, Black	S,M,L,XL	
4		Lumbosacral Support	Breath-Tech	OR	DT 1	Black	S,M,L,XL	







Product Range- Orthopaedic Supports

5	Abdominal	Abdominal Support 9"	Tender Care	OR	AS 7	Skin, Black	S,M,L,XL	
6		Abdominal Support 8"	Breath-Tech	OR	AS 9	Black	S,M,L,XL	
7		Abdominal Support	Breath-Tech	OR	DT 2	Black	S,M,L,XL	
8	Cervial	Cervical Collar	Tender Care	OR	CA 4	Skin	Universal	
9		Vervical Collar (Boneless)	Tender Care	O	CA 9	Skin	Universal	


Product Range- Orthopaedic Supports

10	Wrist	Wrist Support	Tender Care	OR	WS 1	Skin	S,M,L,XL	
11		Wrist Support	Breath-Tech	OR	DT 3	Black	S,M,L,XL	
12		Wrist Brace with Thumb	Tender Care	OR	WS 3	Skin	S,M,L,XL	
13		Wrist Brace	Breath-Tech	OR	DT 4	Black	S,M,L,XL	
14		Wrist Splint	Breath-Tech	OR	DT 6	Black	S,M,L,XL	
15		Wrist Splint (Half Cock up Splint)	Breath-Tech	OR	DT 15	Black	S,M,L,XL	




Product Range- Orthopaedic Supports

16	Elbow	Tennis Elbow Support	Breath-Tech	O	DT 5	Black	S,M,L,XL	
17		Elbow Support	Breath-Tech	O		Black	S,M,L,XL	
18	Thumb	Thumb Spica Splint	Breath-Tech	OR	DT 7	Black	S,M,L,XL	
19	Ankle	Ankle Binder	Tender Care	OR	KA 1	Skin	Universal	
20		Ankle Support	Breath-Tech	OR	DT 12	Black	Universal	
21		Anklet with binder	Breath-Tech	O		Black	Universal	





Product Range- Orthopaedic Supports

22	Knee	Knee Slip on	Breath-Tech	O		Black	S,M,L,XL	
23		Knee Support Open Patella with Hinges	Breath-Tech	OR	DT 9	Black	S,M,L,XL	
24		Knee Support Open Patella	Breath-Tech	OR	DT 10	Black	S,M,L,XL	
25		Knee Immobilizer (Long)	Breath-Tech	OR	KA 16	Black	S,M,L,XL	
26		Knee Immobilizer (Short)	Breath-Tech	OR	KA 17	Black	S,M,L,XL	



Product Range- Orthopaedic Supports

27	Arm	Pouch Arm Sling (Long Neck Support)	Tender Care	O	FA 7	Skin	Universal	
28	Shoulder	Shoulder Brace	Tender Care	OR	FA 8	Skin	Universal	
29	Rib	Rib Belt (Male)	Breath-Tech	O		Black	Universal	
30		Rib Belt (Female)	Breath-Tech	O		Black	Universal	






Product Range- Compression Stocking

S.No	Anatomy	Product type	Technology	Composition	Product code	Colors	Sizes	Picture
1	Lower Limb	Knee High Compression Stocking (below the knee)- ccl2 (23-32mmHg)	Custom Circular Knit	70%Nylon, 30%Spandex	ARZT88704	Skin	S,M,L,XL	
2		Mid Thigh compression stocking (Above the knee) ccl2 (23-32mmHg)	Custom Circular Knit	70%Nylon, 30%Spandex	ARZT88705	Skin	S,M,L,XL	
3		Compression Knee Support	Custom Circular Knit	70%Nylon, 30%Spandex	ARZT88713	Skin	S,M,L,XL	
4		Compression Ankle Support	Custom Circular Knit	70%Nylon, 30%Spandex	ARZT88715	Skin	S,M,L,XL	

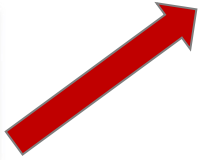
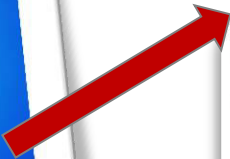
Product Range- Compression Stocking

5	Elbow	Compression Elbow Support	Custom Circular Knit	70%Nylon, 30%Spandex	ARZT88714	Skin	S,M,L,XL	
6	Back	Adjustable Lumbar Support Belt	Custom Circular Knit	Polyester, Spandex	ARZT88712	Half-White	M,L,XL,XXL	

Product Range- Insoles

S.No	Issues	Product type	Technology	Composition	Product code	Colors	Sizes	Picture
1	Diabetic	Soft PU pouring Insole	Molded Polyurethane	EVA foam top + PU pouring base	DI 1	Skin	Universal	
2	Diabetic	Foot shape Insole	Expanded EVA foam	EVA foam top + EVA Base	DI 2	Skin	Universal	
3	Flat Foot	Arch Support Insole	Thermoforming	PU-EVA foam + Nylon	FF 1	Blue, Red & Green	S,M,L	
4	Foot pain	Silicone Gel Insole- High Cushion	Soft Gel Technology	Silicone + Polyester fabric	SI 1	Blue	S,M,L,XL	
5	Foot pain	Silicone Gel Insole- Finger Supportt	Soft Gel Technology	Silicone + Polyester fabric	SI 2	Black	S,M,L,XL	

Product performance





Thank You!