



MAY 17TH, 2023
ADVANCED WOUND CARE: ADVANCED
TREATMENTS - GRAFTS
DR. JOHN MEHNERT

DWM Background

- Diabetic Wound Management (DWM): Comprehensive Wound Management Clinic using cutting edge technology from the United States to heal Wounds
- DWM managed by Sahha LLC USA
- Location: Dubai Healthcare City (DHCC)
- Wound care specialist is from the United States who is healing wounds for over 30 years.
- First patients seen: January 2023

OUR PURPOSE

- Core purpose of clinic is to focus on Diabetic Foot Management, Wound Care and prevention of Gangrene and partial foot and leg amputations

Management Team



**Faris Ghani,
Founder &
CEO, MBA,
CSPPM**

Faris has 20 years of experience as a Healthcare Executive managing hospitals and physician clinics in the US and MENA region. He is a Professor of World Business Cultures and Middle East Healthcare Business Strategy. He has managed or established over 300 clinics in his career.



Aamir Mirza, Co-Founder

With more than 21 years of experience (16 years in Middle East) in operational, management and business development in Middle East and African markets, Aamir has a strong track record of driving growth and managing multi-functional and diversified teams. His broad scope of skills includes planning for enterprise, development of strategic partnerships, sales management and project execution/delivery.



**Dr. John
Mehnert**

Dr. Mehnert has over 30 years of Wound Care Treatment experience. Dr. Mehnert has used many modalities for the treatment of these wounds including specialized dressing and tissue grafting. With such great experience in wound care, his healing rate is 90%, which means that he has managed to avoid amputations for over 5000 patients in his career.

Stunning Statistics

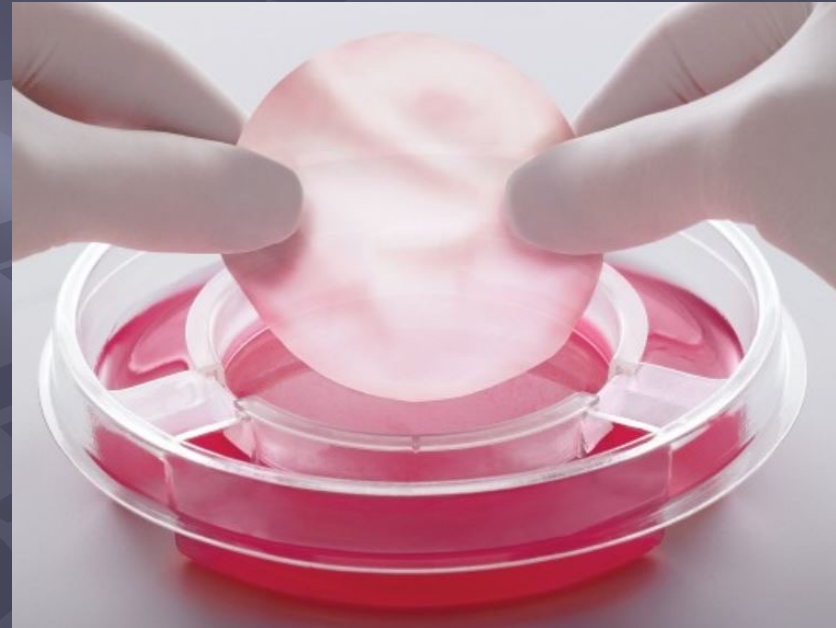
- Diabetes has moved from epidemic to pandemic
- Estimated that 75% of GCC population may have diabetes by 2030
- Approximately 25 % of diabetics will develop foot ulcerations
- More than 80% of amputation start with foot ulcerations
- Diabetes is the leading cause of amputations in the USA

Reference: International Diabetes Federation

Advanced Treatments

- Skin Substitutes
- Wound Matrix
- Amniotic Products
- Blood Products
- Negative Pressure
- Hyperbaric Oxygen
- Skin Grafting and Flaps

Skin Substitutes



Skin Substitutes

- Activates the normal cells in the area
 - Normalize fibroblast function
- Normalizes the amount of Matrix metalloproteases
 - Corrects the imbalance of growth factors
 - Provides coverage to the wound
 - Live cells, frozen, and dehydrated grafts

Wound Matrix



Wound Matrix

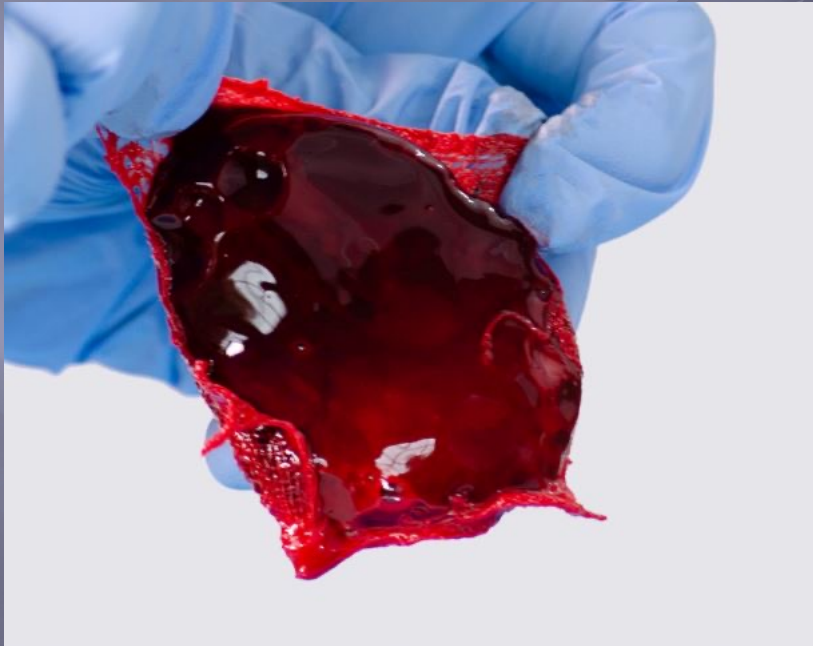
- Similar to the dermis in the skin
- Provides a scaffolding for skin propagation
 - Wound Coverage
- Promotes formation of blood vessels
- From porcine intestinal sub mucosa
 - Come is 1, 2 and 3 layers

Xenografts



- Fish
- Horse
- Bovine

▣ Blood Products



Blood Products

- Provides growth factors
- Provides coverage of the wound
- Regulates the stages of wound healing
 - Decreases inflammation

Stem Cell

- Regeneration of cells
- Infused and topically applied



▣ Negative Pressure Therapy



Negative Pressure Therapy

- Removes excessive drainage
- Increases blood flow to the area
- Promotes granulation tissue
- Pulls the wound edges together

Hyperbaric Oxygen



Hyperbaric Oxygen

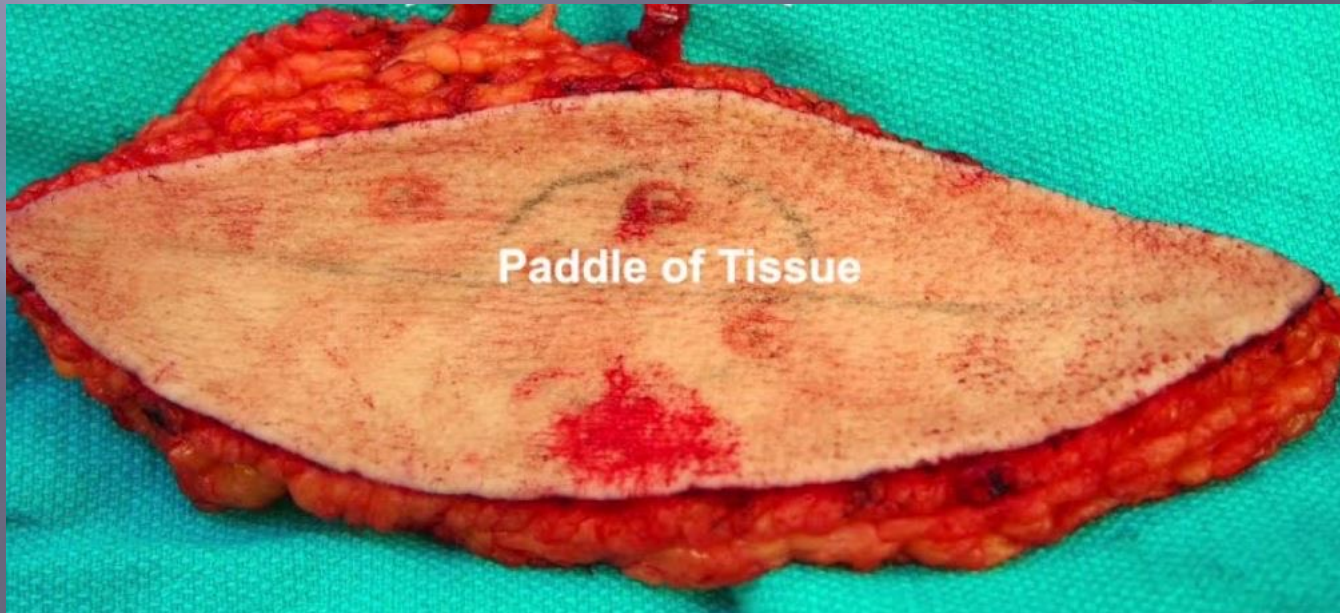
- Increase the carrying capacity of oxygen in the blood
 - Improves the bodies ability to fight infection
 - Promotes healing
 - Promotes the formation of new blood vessels
- Also used for burns, radiation burns, carbon monoxide poisoning, gangrene, bone and soft tissue infection, and crush injuries

Topical Oxygen

- Used over the affected area only
 - No chamber
 - Can be done at home
- Increases the oxygen concentration locally around the wound
 - Decrease swelling in the area

Skin Grafting

- Split thickness, full thickness
- Muscle flaps, free flaps



March 2023 Testimonial





Questions?

Contact Information

Aamir Mirza: amirza@dwm-me.com, +971 52 390 4645 (Dubai)

Dr. John Mehenrt: info@dwm-me.com

Faris Ghani: fgхани@dwm-me.com, +513.417.4039 (US)