



Diabetic Wound
MANAGEMENT

APRIL 12TH, 2023

ADVANCED WOUND CARE: THE BASICS

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**

20 Years of experience as a Healthcare Executive managing hospitals and physician clinics in the US and Middle East. Professor of World Business Cultures and Middle East Healthcare Business Strategy.



Aamir Mirza, Co-Founder

19 years of experience (12 years in ME region) in corporate, legal and regulatory compliance, I have imparted knowledge by way of corporate trainings and seminars to client teams (customer services, sales). As a result of my vast experience in MENA region, have fair command on Arabic, cultural norms & language, in addition to English & Urdu.



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

Key Statistics

- About 20% of diabetics will be deceased within 1 year of a minor amputation.
- Almost 50% of diabetics will be deceased within 3-5 years of a minor amputation
- About 60% of diabetics will be deceased within 5 years after a major amputation
- About 35% of amputees will regain pre amputation mobility

Old treatments

- No longer standard of care
- Saline Wet to Dry Dressings
- 0.25% Dakin's Solution
- Peroxide/Water mixture
- Betadine
- Triple Antibiotic Ointment



Advanced Wound Care



- Cleansing
- Sterile saline
- Wound Cleanser Shur ur Clens
- Debridement
- Sharp: : Scapel, Currette, Tissue Nippers
- Selective: Ultrasonic Debrider
- Non Selectiveive: Maggots, Surgical Scub *Brush, Whirlpool*

Advanced Wound Care Dressings

- Foam
- Alginates
- Collagen
- Hydrogel



Foam Dressing

- Treat highly exudating wounds
- Venous Stasis
- Bordered and non bordered dressings
- Polyurethane







Calcium Alginate Dressing

- Moderate to heavy draining wounds
- Impregnated with Silver (Antimicrobial)
- Impregnated with Honey (also paste)
- Non impregnated
- Control the drainage using material

Derived from Sea Weed (Hydrophilic)







Collagen Dressings

- Mild to moderate draining wounds
- Impregnated with Silver
- Non-Impregnated
- Bind proteases within in wound bed
- Made from cellulose, collagen, with or without Silver (Antimicrobial)





reel

Hydrogel

- Dry to minimal draining wounds
- Made from synthetic material that are hydrophilic
- High water content: 70-90%
- Can be combined with Collagenase for enzymatic debridement of wounds
- Collagenase used in wound with a dry eschar to wounds with a very fibrous base to remove slough





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Why makes DWM Unique?

- Comprehensive wound care in the **UAE** for the first time
- Use advanced Wound Care techniques
- Dr. Mehnert has saved over 5000 patients from amputation

March 2023 Testimonial



Questions?



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