



# HALIFAX HEALTH

Live your life well.

# **Advanced Wound Care:** *What, Why and How?*

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# Let's Discuss...

- What is the chronic wound problem?
- What is advanced wound care and is there a need?
- What are common wound care problems and how are they managed?

**\$55  
Billion**

Every year

**6.1  
MILLION**

people suffer from  
chronic conditions  
throughout their lifetime

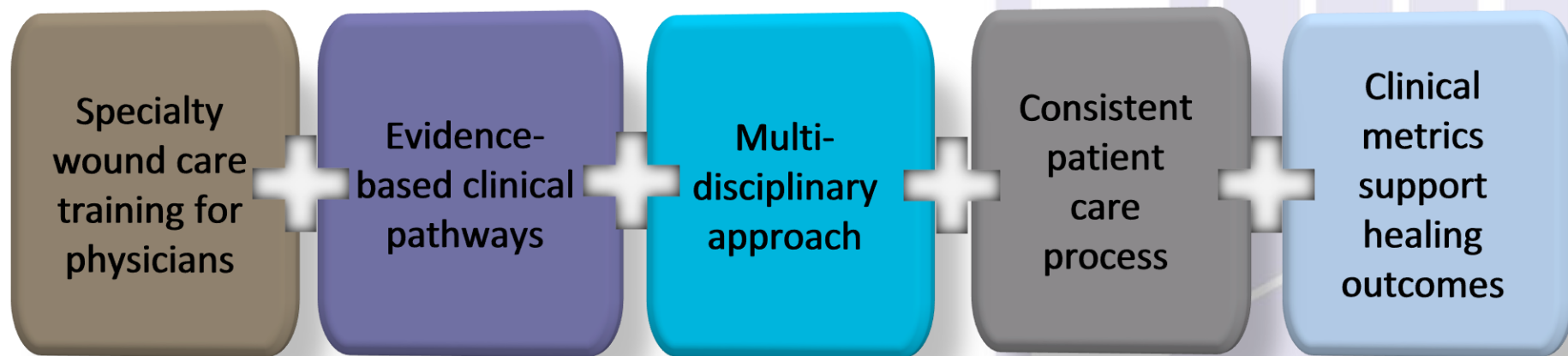
**ON**

care  
products

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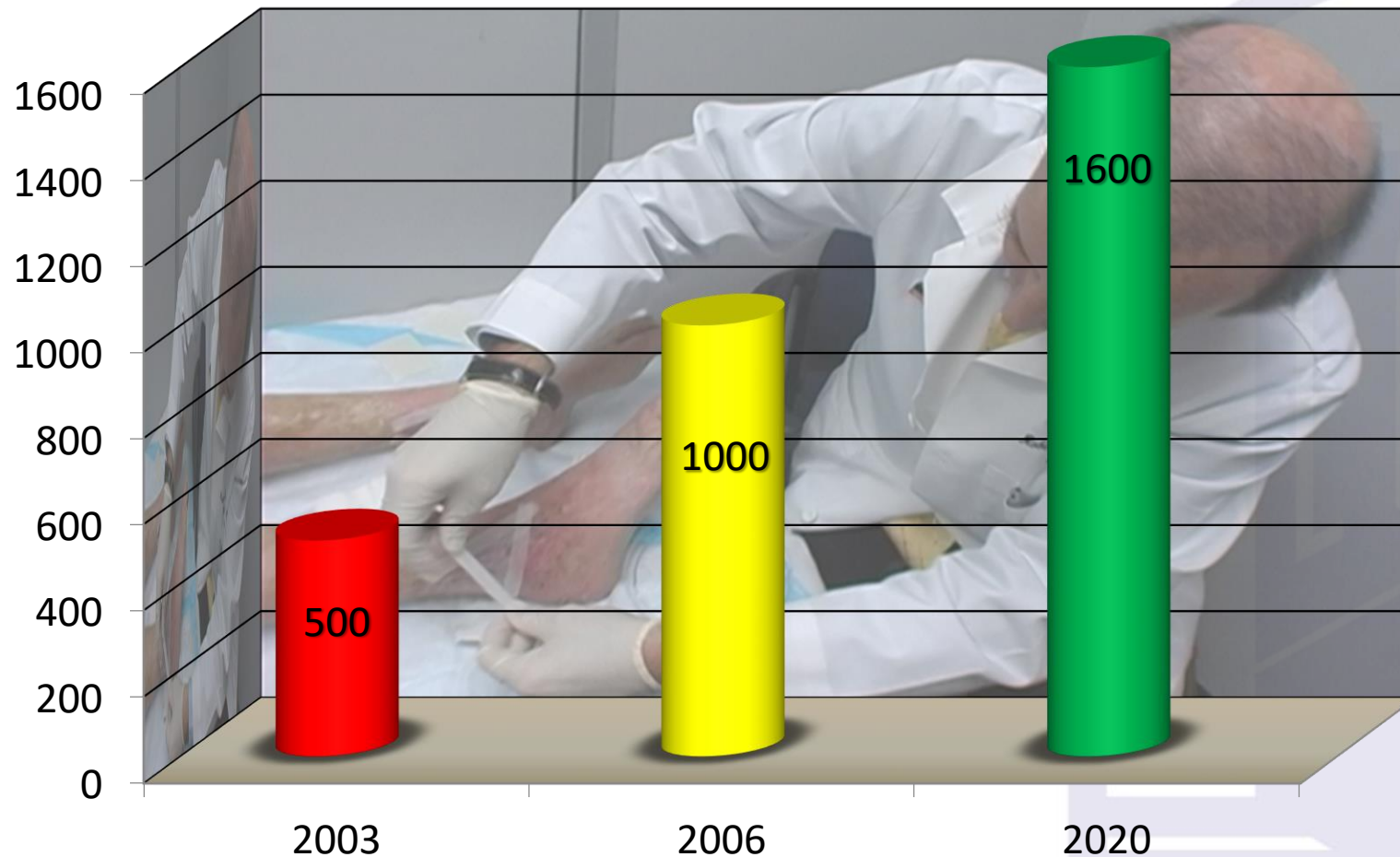
# Advanced Wound Care



Improves healing outcomes



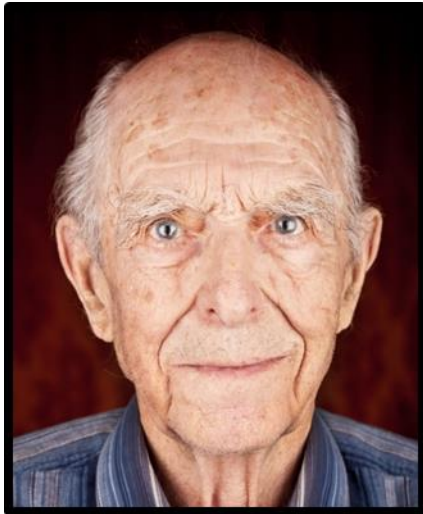
# Wound Care Center Expansion



> 300 % increase in 17 years



# Where Are the Patients?

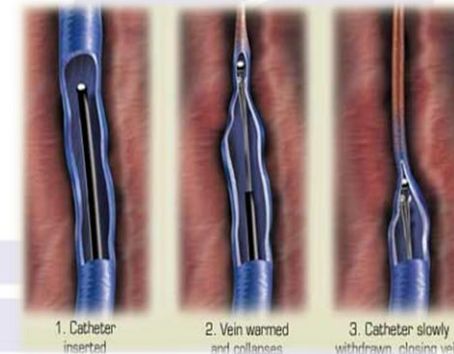


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# Venous Leg Ulcer: Treatment

- Compression Therapy
  - Multilayer
  - short stretch
- Debridement/ dressing application
- Medications (pentoxifylline / Doxycycline)
- Wound Closure
  - Autologous skin graft
  - Cellular products (Apligraf/ Theraskin/ placental products)
- Endo-venous closure (laser ablation)





# Diabetic Foot Ulcer



- ✓ Foot Deformity
- ✓ Neuropathy
  - Sensory
  - Autonomic
- ✓ Micro/ macro vascular disease
- ✓ Immune impairment
- ✓ Glycemic dysregulation

# Diabetic Foot Ulcer: Treatment

- Off-loading



*"It's about **MECHANICS**, not **MEDICINE**... it's more important what you **TAKE OFF** the wound than what you **PUT ON**"*

- Debridement / dressing selection (clean, moist wound bed)
- Evaluate and correct ischemia /infection
- Optimizing medical management (glycemic control)
- Adjunctive therapy
  - Cellular- based products (i.e., Theraskin, placental tissue)
  - HBOT

# Pressure Ulcer

- Pressure avoidance
  - Frequent repositioning
  - Pressure reducing surface
- Nutrition: ensure proper intake and monitor
- Continence and moisture control
- Wound care
  - Debridement
  - Dressing selection
  - Infection surveillance / control
  - Advanced modalities
    - NPWT
    - Dermal matrices
    - HBOT
    - Surgical flap





# Let's Review...

- What is the chronic wound problem?
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# Questions and Thank You



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