

2018 MID-ATLANTIC
CONFERENCE

8th ANNUAL CURRENT CONCEPTS IN
VASCULAR THERAPIES

2018

Advanced Wound Care
For Venous Ulcers
From the Bottom Up



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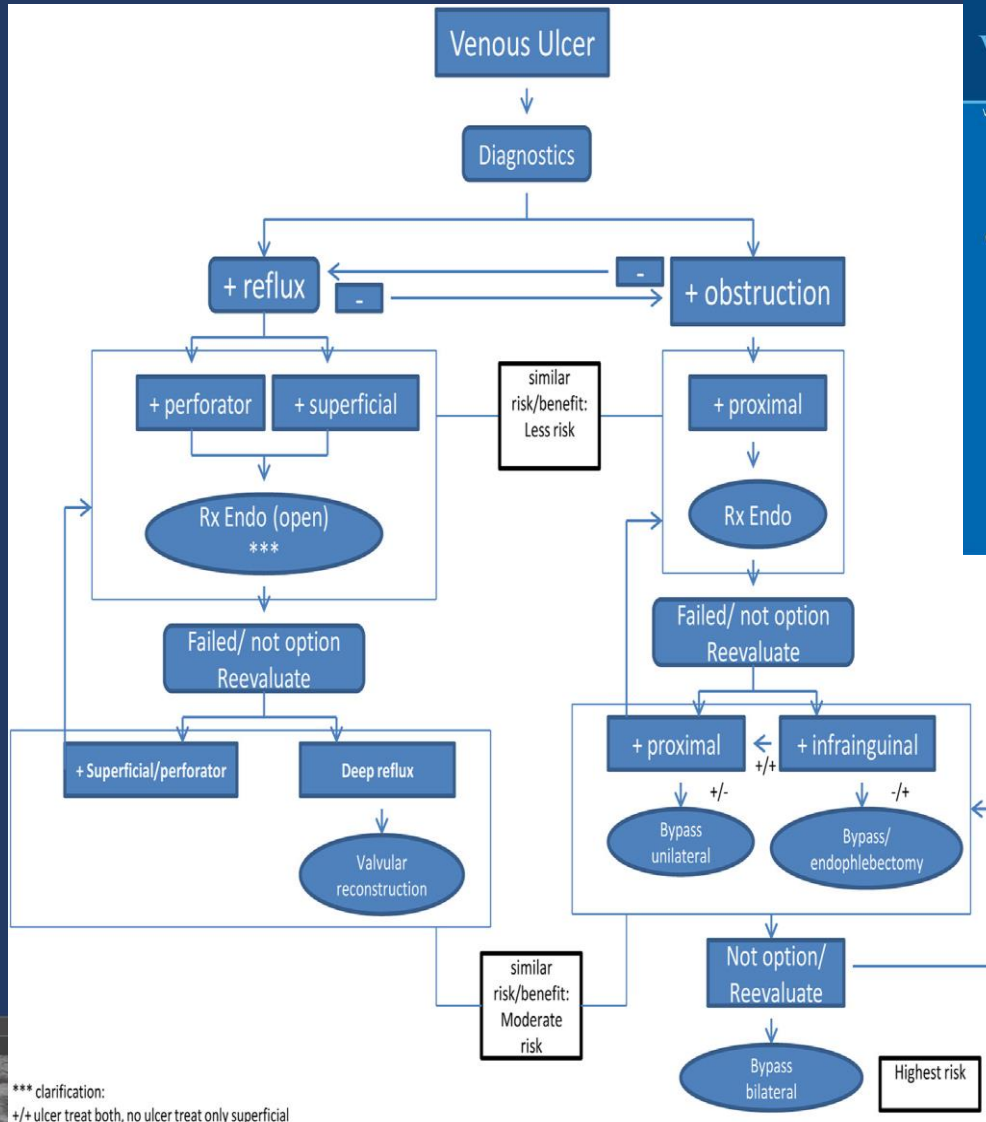


"The doctor will be with you tomorrow as he believes that time heals all wounds."

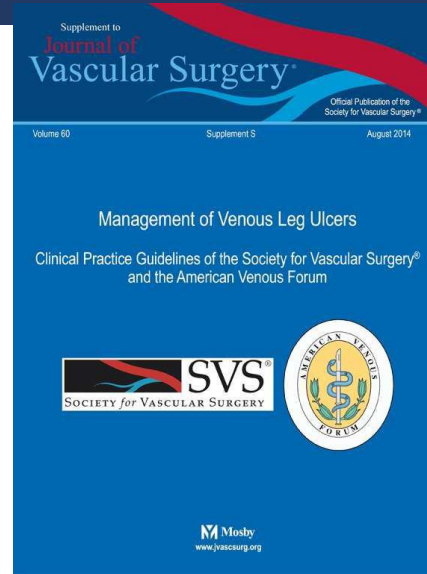
Disclosures



Guidelines



*** clarification:
+/- ulcer treat both, no ulcer treat only superficial

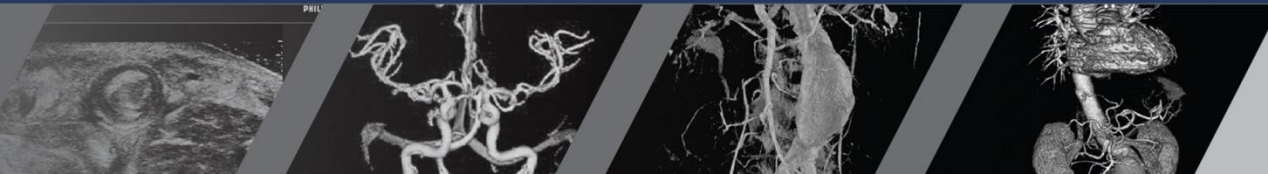


Challenges

“...expensive, time consuming, eventual referral to wound care center...”
2014



Dr. Scott McEnroe



Outline

History

Basics

ECM

Advanced Products

Case Study





History

3000 BC

Beer, wine, paste

16th Century

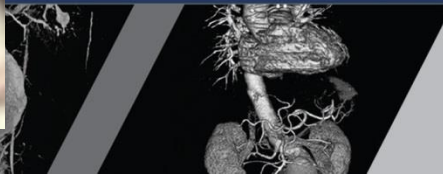
Boiling Oil

19th Century

Unna Boot

Forever

Maggots

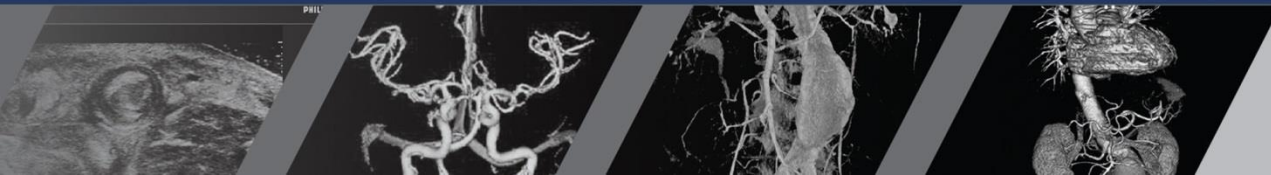


Basics

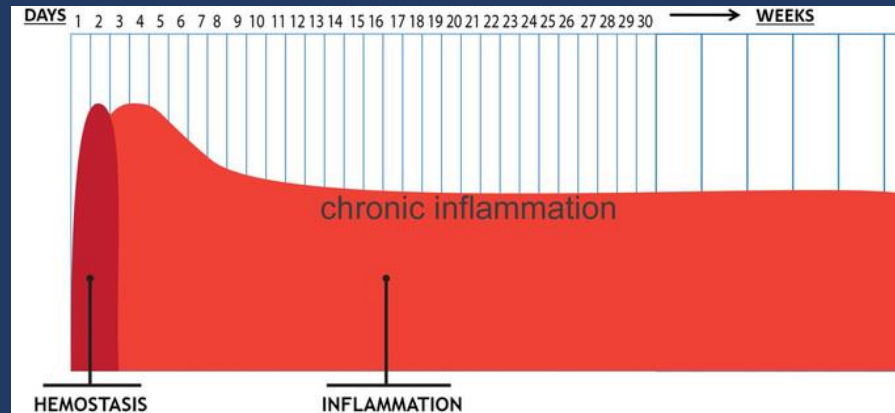
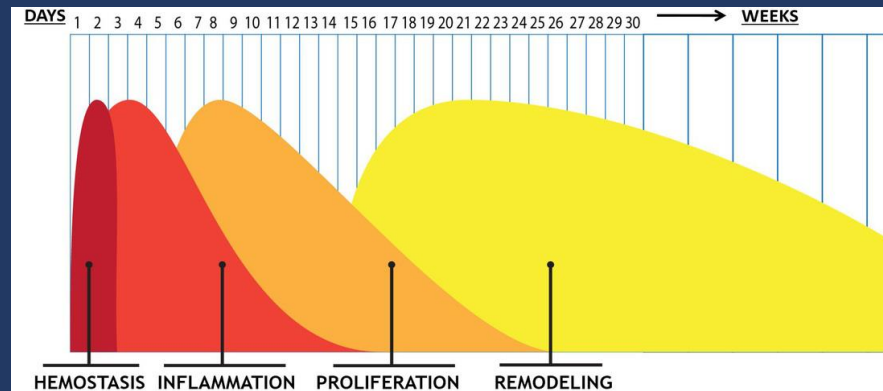
Wound bed prep
Bacteria control
Moisture balance
Peri wound



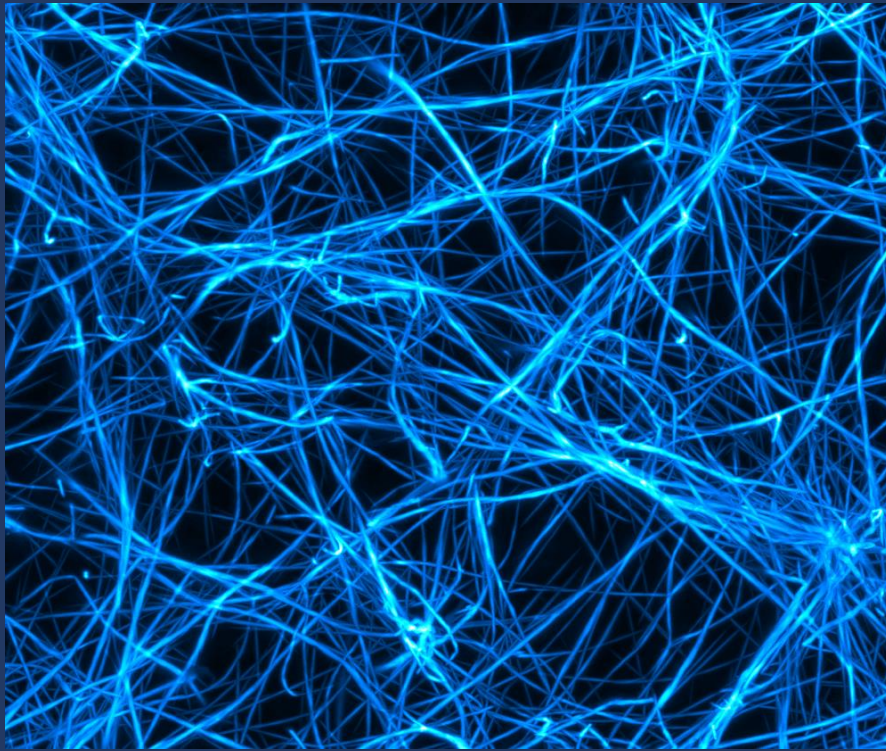
COMPRESSION



Cycle



Extracellular Matrix



Proteins

Structure
Hold
Movement
Communicate



Advanced Wound Care

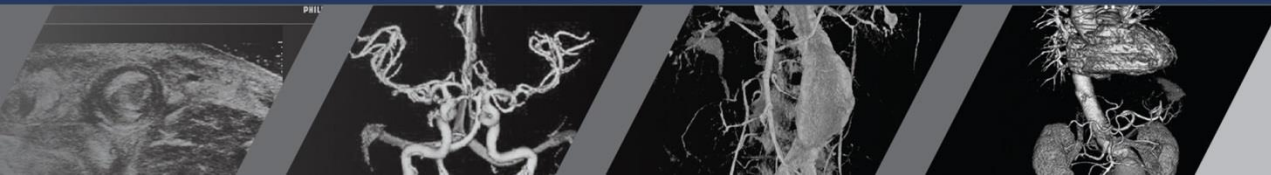
Skin Substitutes

Cellular

ECM with living cells

Acellular

ECM with living cells removed



Apligraf

Cellular

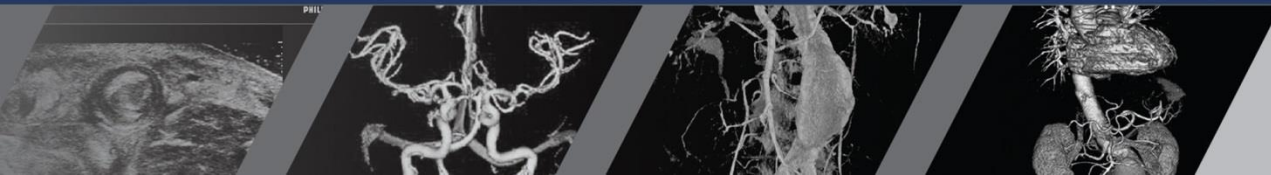
Bi-layer

Cow Collagen/Foreskin

1998

15 Day

57% vs 40%_{oVLU}





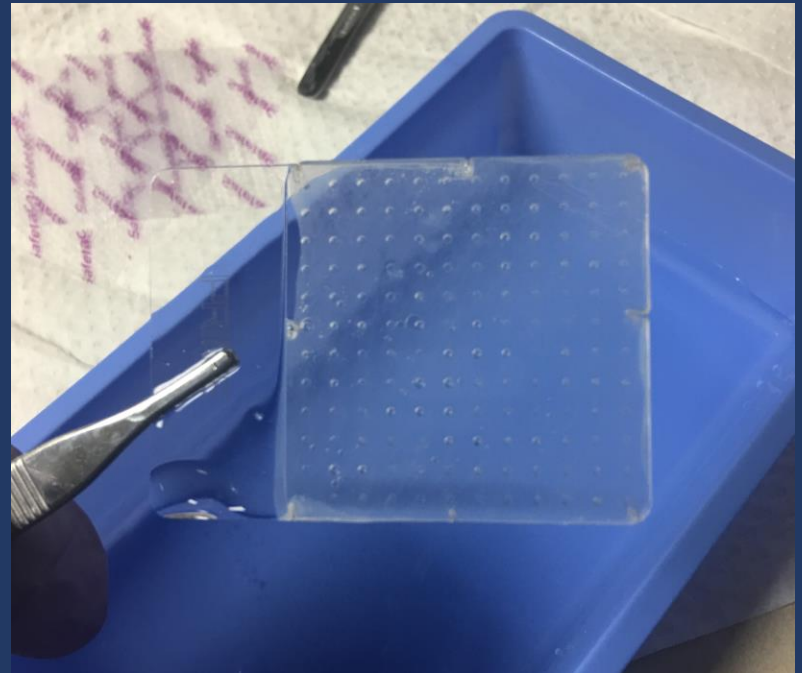
Grafix

Cellular
Amniotic

2013

7 Day

62% vs 21%_{chronic}



Epifix



Acellular

Amniotic

5 years

60% vs 35%_{oVLU}



PROFORE[®] LITE
Latex free, non-irritation
Kumidele sans latex



Oasis

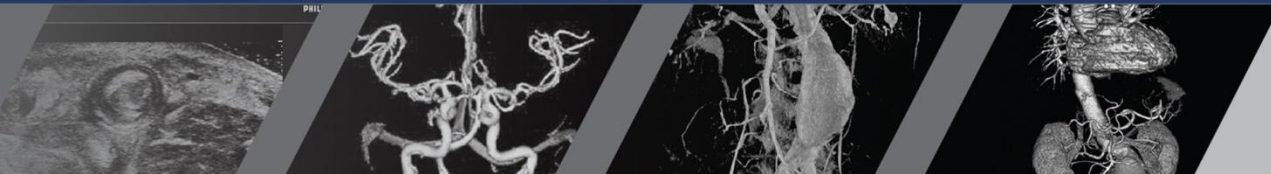


Acellular

Pig Submucosal
2006

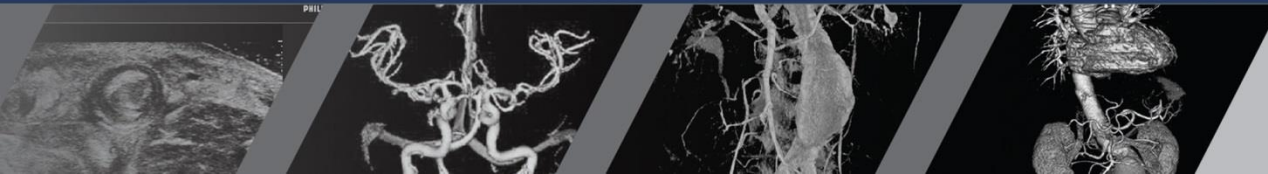
2 Year

53% vs 34%^{Chronic}



PICO

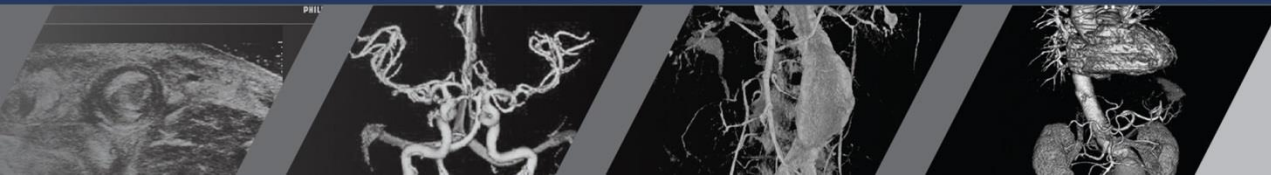
2011
80/20
Convenient
Bolster



Lymphatic Pump



CVI=edema+inflammation=fibrotic tissue=
secondary lymphedema



Case Study

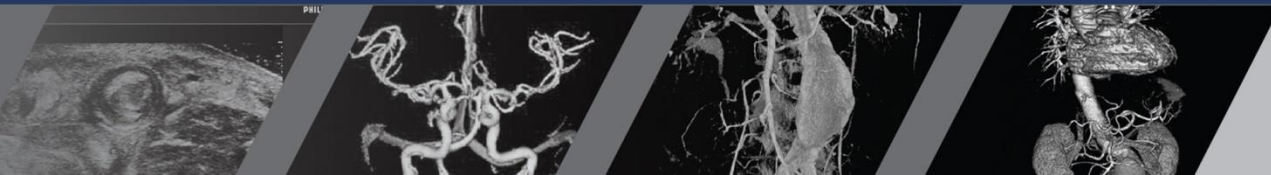
60 yr AA female from Eastern Shore

CC: Venous ulcer

Hx: HTN/DM/Obese/RLE Chronic DVT/

No interventions at this point

Previously told by a vascular surgeon that there was
“nothing he could do”, because of her
“noncompliance” with compression



6/14/17

2/6/18

3/13/18

4/20/18



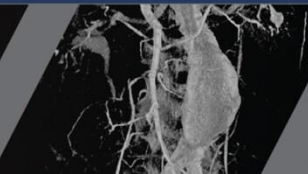
8/14/17 EVLT R GSV

9/29/17 Surgical Debridement

12/11/17 EVLT ICPV & Sclero of VV

1/15/18 Surgical Debridement and Skin Substitute

3/13/18 Skin Substitute, PICO and Compression (2X a week)



Wrap-up

Remember the Basics



Advanced Wound Care Products

Kick chronic wound out of
inflammatory phase
= heals wounds

You have to be flexible and creative



“Wound care heals wounds, vein procedures decrease recurrence”



Dr. David Dexter

