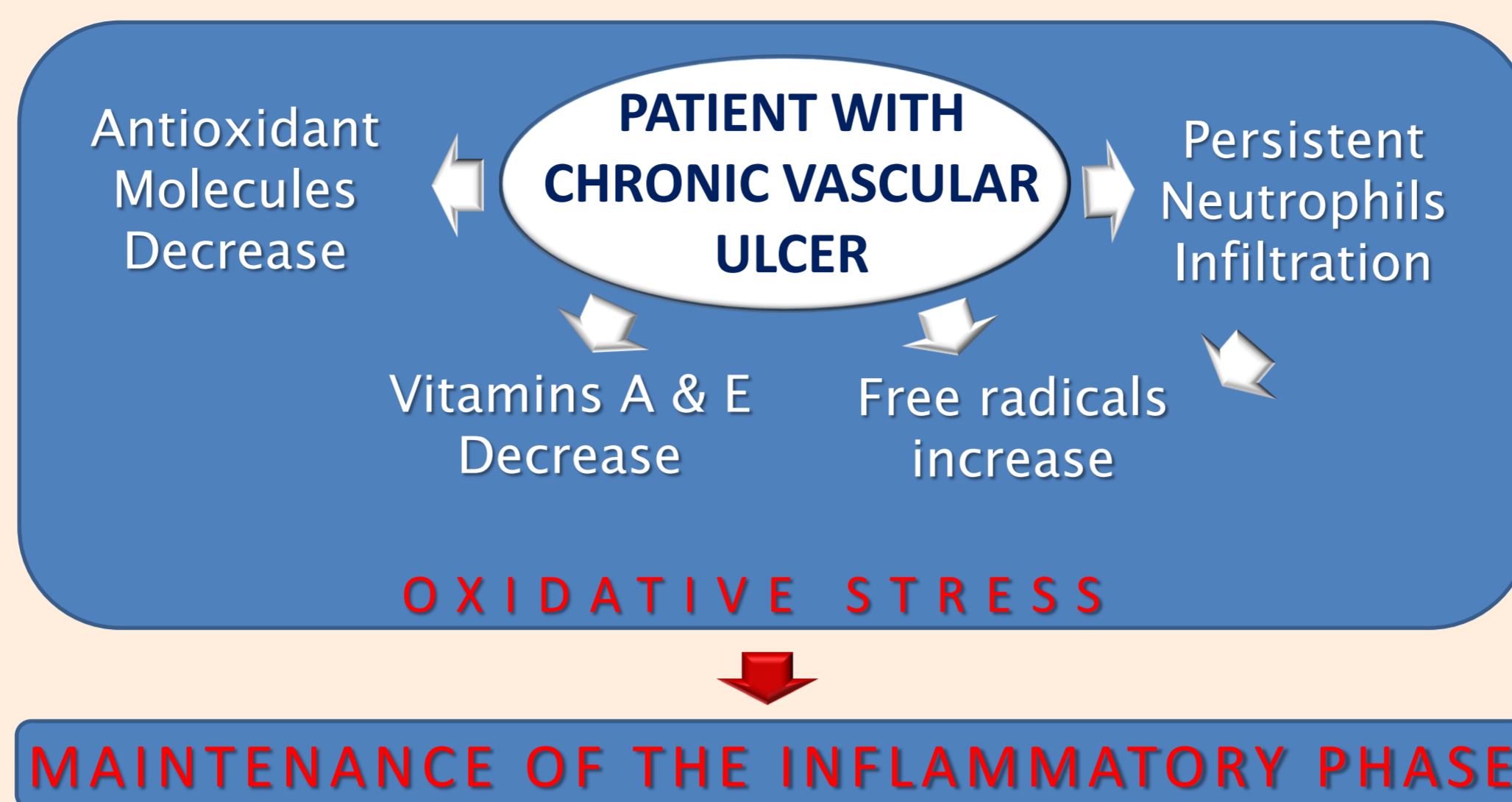


# Application of an antioxidant dressing in the healing of complex wounds from vascular etiology

de Agreda A., Fondo E., Castrillo C., Santiso E., Rodriguez V., Gómez R., Cerame S. CMUC– Spain



## Objective

To analyze the capacity to activate wounds from venous vascular etiology with an antioxidant dressing indicated for the inflammatory phase of torpid wounds.



Reach Oxidative Balance



Overcoming the inflammatory phase

## Methodology

Primary dressing: Antioxidant dressing Reoxcare



Wound evolution: Registrations: Size, exudate level, tissue type in the wound bed and pain level.

Changes: Every 3–4 days

Secondary dressings: Microadherent lipidocolloid matrix, compressive bandage with short traction bandage and perilesional barrier film.

## Clinical cases

	<p><b>Patient:</b> 88-year-old woman with dyslipidemia, hypoproteinemia, hypertension and positional vertigo  <b>Location:</b> Superficial lesion in the external supramalleolar area with presence of sloughy and fibrinous tissue  <b>Evolution:</b> 4 months  <b>Previous treatment:</b> Enzymatic debridement and hydrocolloid mesh</p>	
	<p><b>Patient:</b> 54-year-old male with femoro popliteal obliteration grade IV in right lower limb  <b>Location:</b> Injury in right external calf with presence of sloughy and fibrinous tissue  <b>Evolution:</b> 3,5 months  <b>Previous treatment:</b> Enzymatic debridement and hydrocolloid mesh</p>	
	<p><b>Patient:</b> 69-year-old male with type 2 diabetes mellitus (insulin dependent) and hypertension  <b>Location:</b> Wound located in left calf with 50% active granulation tissue together with denatured fibrin  <b>Evolution:</b> 3 months  <b>Previous treatment:</b> Dry wound healing</p>	

## Results

The antioxidant treatment in wounds of venous vascular etiology resulted in the following:

- Elimination of non-viable tissues from the wound bed
- Induction of granulation tissue formation
- Activation of the edges
- Temporary increase in the level of exudate that decreases after 2/3 weeks of treatment
- Pain reduction (EVA scale from 6/5 to 0)

## Conclusions

Reoxcare achieved the activation of hard-to-heal wounds by maintaining an optimal wound bed and generating an adequate environment, which induced the formation of new granulation tissue, helped overcoming the inflammatory phase and the progress towards wound closure