

A

Healthy soft tissue

Basement membrane

Endothelial cells

Tie2

B

Ionizing radiation

Tissue damage

Inflammation

Wound healing



↑ Neutrophil presence

↓ Angiogenic capacity

↑ Cell death

Cytokine production
(↑MIP-2, ↑IL-6)

↑ Erythema

C

Ionizing radiation + VT

↓ Tissue damage

↓ Inflammation

↑ Wound healing



↓ Neutrophil presence

↑ Angiogenic capacity

↓ Cell death

Altered cytokine production
(↓MIP-2, ↑↑IL-6?)

↓ Erythema