	Conduction		Convection	Perfusion
Heat Flux	$q_k = -\frac{kA\Delta T}{\Delta x}$	$q_k = -CA\Delta T$	$q_h = -hA\Delta T$	$Q = q_k + q_h$
Heat Transfer Rate	$k = -\frac{q\Delta x}{A\Delta T}$		$h = -\frac{q}{A\Delta T}$	$K = \frac{1}{R_T}$
Thermal Resistance	$R_k = \frac{\Delta x}{k}$		$R_h = \frac{1}{h}$	$R_T = \frac{1}{K}$
Thermal Conductance	$C = \frac{1}{R_k} = \frac{k}{\Delta x}$		-	-

FIG. 9