

Step A

Scene

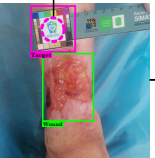
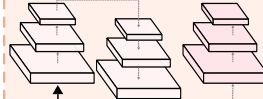
Background ☒Wound ☒Target ☒Light ☒

Image



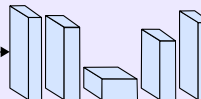
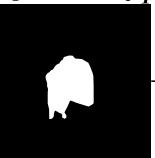
Step B

Detection Network



Step C

Segmentation Network

Segmentation Map  $\hat{Y}$ 

Step D

Area and Perimeter

Reference radius  $R = 1.35 \text{ cm}$ 

$$P = \frac{R^2}{R_p^2} \cdot P(\hat{Y}),$$

$$A = \frac{R}{R_p} \|\hat{Y}\|_0$$

$$P = 105.36 \text{ cm}$$

$$A = 22.634 \text{ cm}^2$$