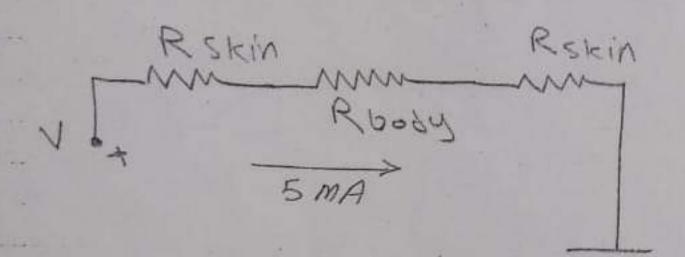
Sheet W

Meletro

llema

300 - 1000 R

1- Robboy if given = = = L-Letistiano not dile - 00900 29-51



- - mucho Shock = 5mA

- electrobe over = 15.5 cm²

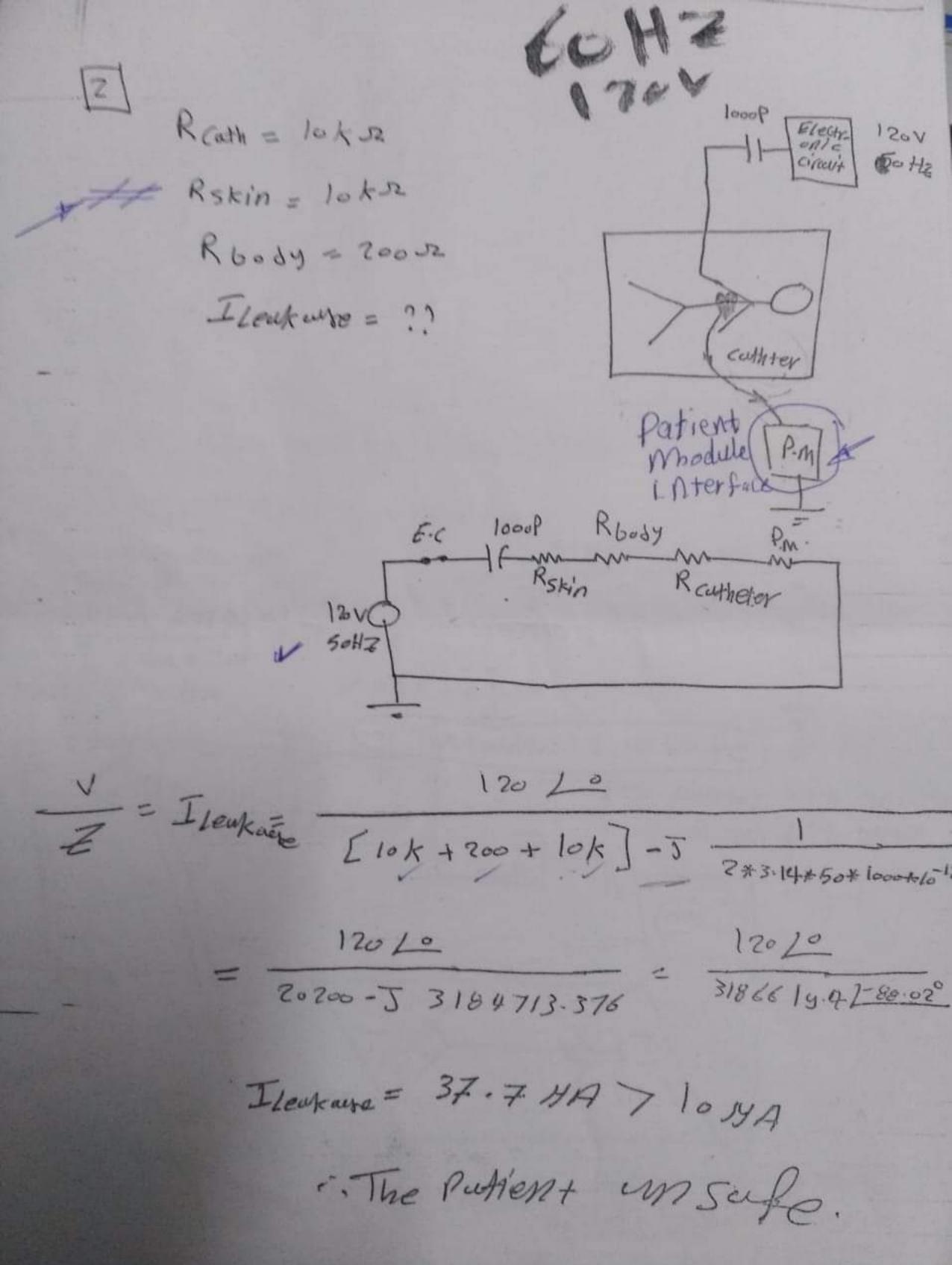
- compute the Voltage Level that would beliver - macroshock current.

solution

/o Rskin | pendrator =
$$\frac{200}{15.5} = 12.9.32$$

V| Dry = $IR + 04 = 5m [(2+6k) + 500] = 62.5V$

Spenterted = IR tot = 5mc 2 = 12, y) + 500) = 2.8



(3) on Path ORL => groundes. no or Lowe el Roosy 5 50052 . tesi Ruines ours Y [RL, Blood Pressure filled Cotheter] = 40mv IPFV S.C 1 = / * 0 -1 = 0.1 V = LOOV Vaccion e cleaner ROWNERY RUSTY Rept 16 Otte better). S I = (100 - 40)m=10-94A 100MV Sofe \$ 10 NA IR +IR +40 -100 = 0 60 (- Theration is unsafe) ECG- Monitor With Noccume Gener Right LE9 POWEY Panel. Pressure Trans-E IAMP

I Patient = ??

I: 4mV = 2MA > 10MA
un safe macro check

ymu.

[5] V = 120V my V = 12

12) what will be the Physiological effect of this current

when The cross-section when up electrose is reduced to 0.3 (m²)

I = V = 170

Hence this current in thershold embled situation