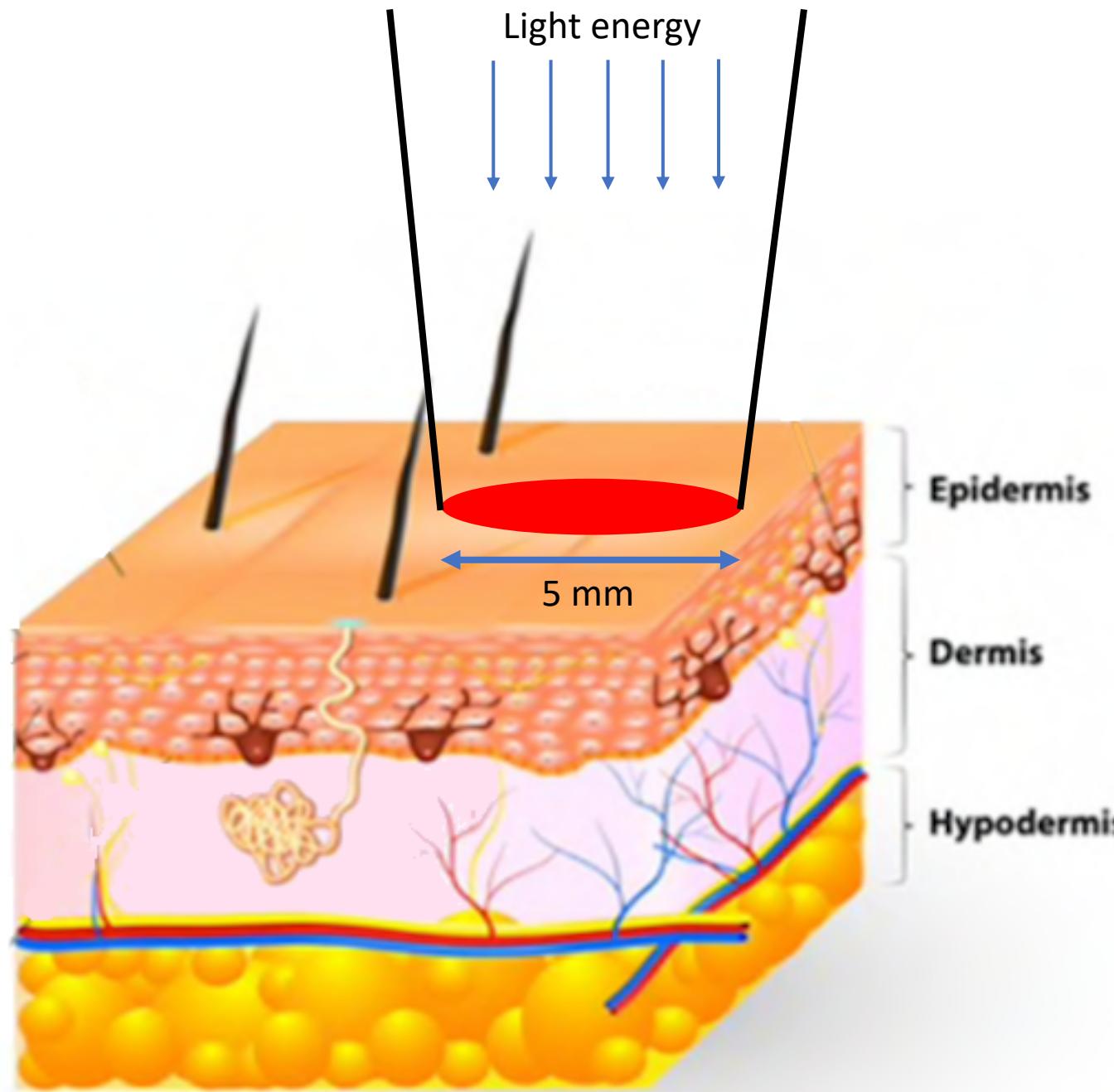




Energy
Density
or... Fluence

[THE LASER-IPL GUYS WEBSITE](http://www.thelaser-iplguys.com)

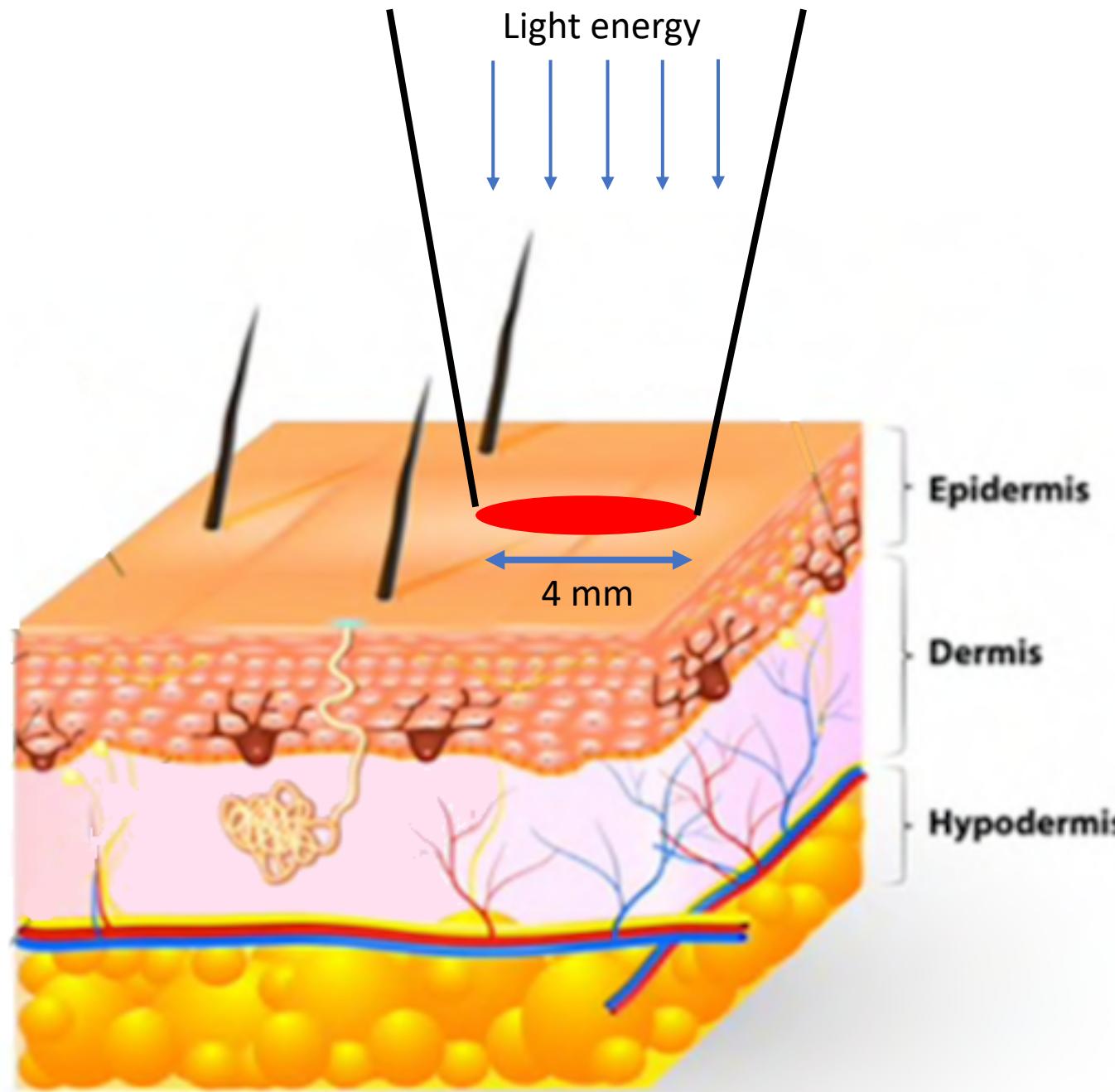


Energy = 600 millijoules (mJ)

Spot diameter = 5 mm

Fluence = 3.1 J/cm²



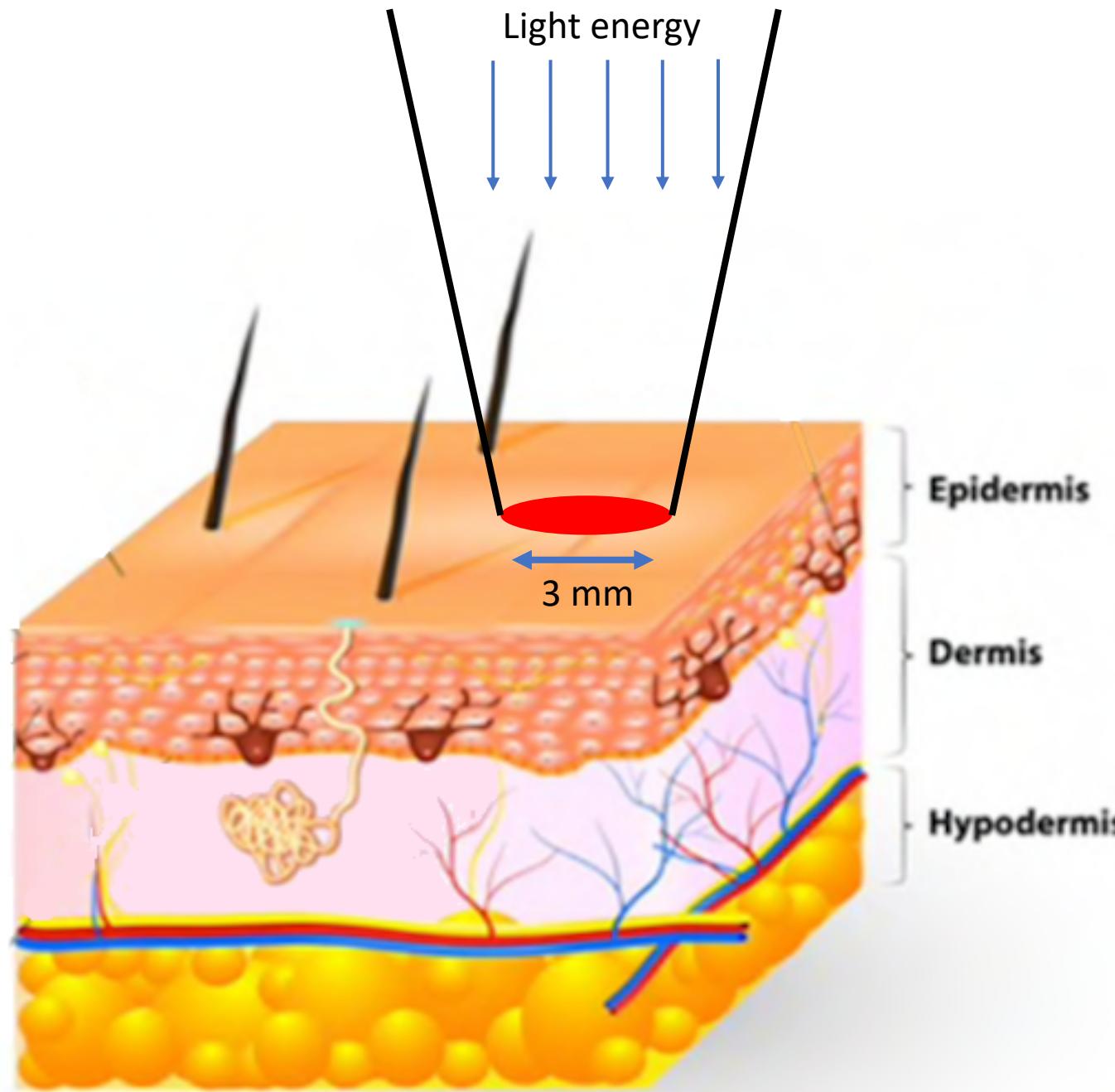


Energy = 600 millijoules (mJ)

Spot diameter = 4 mm

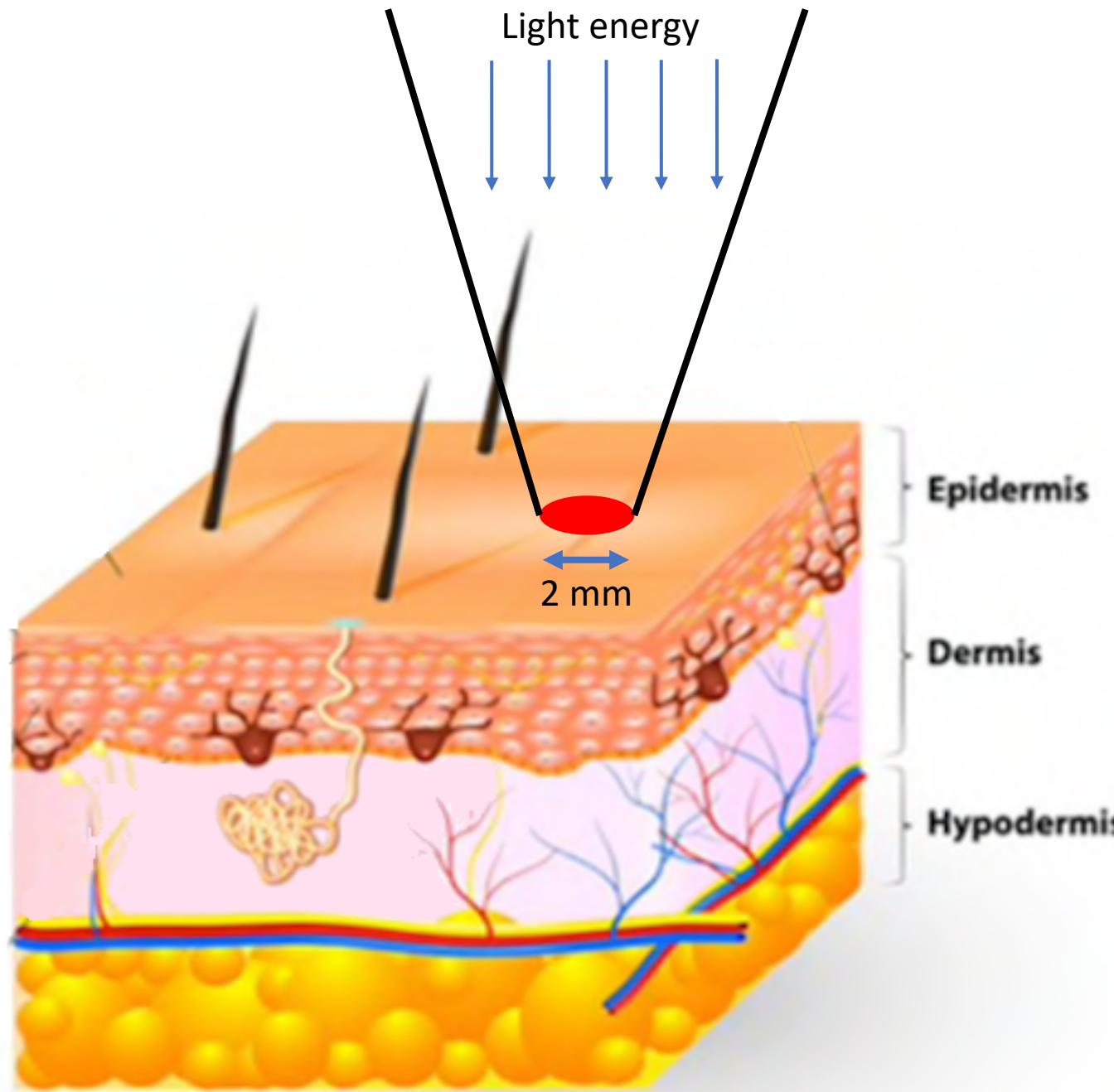
Fluence = 4.8 J/cm²





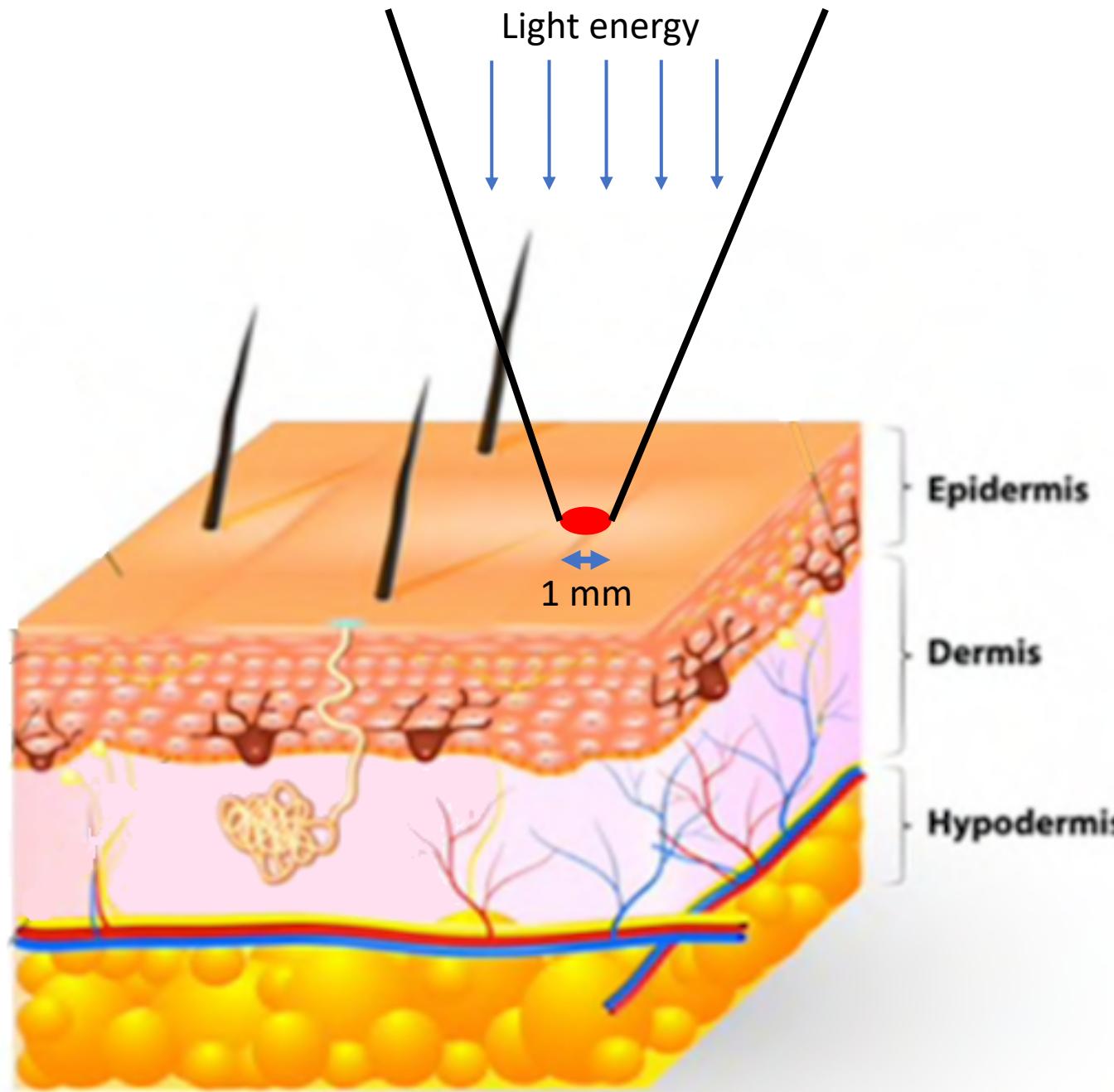
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Light energy

1 mm

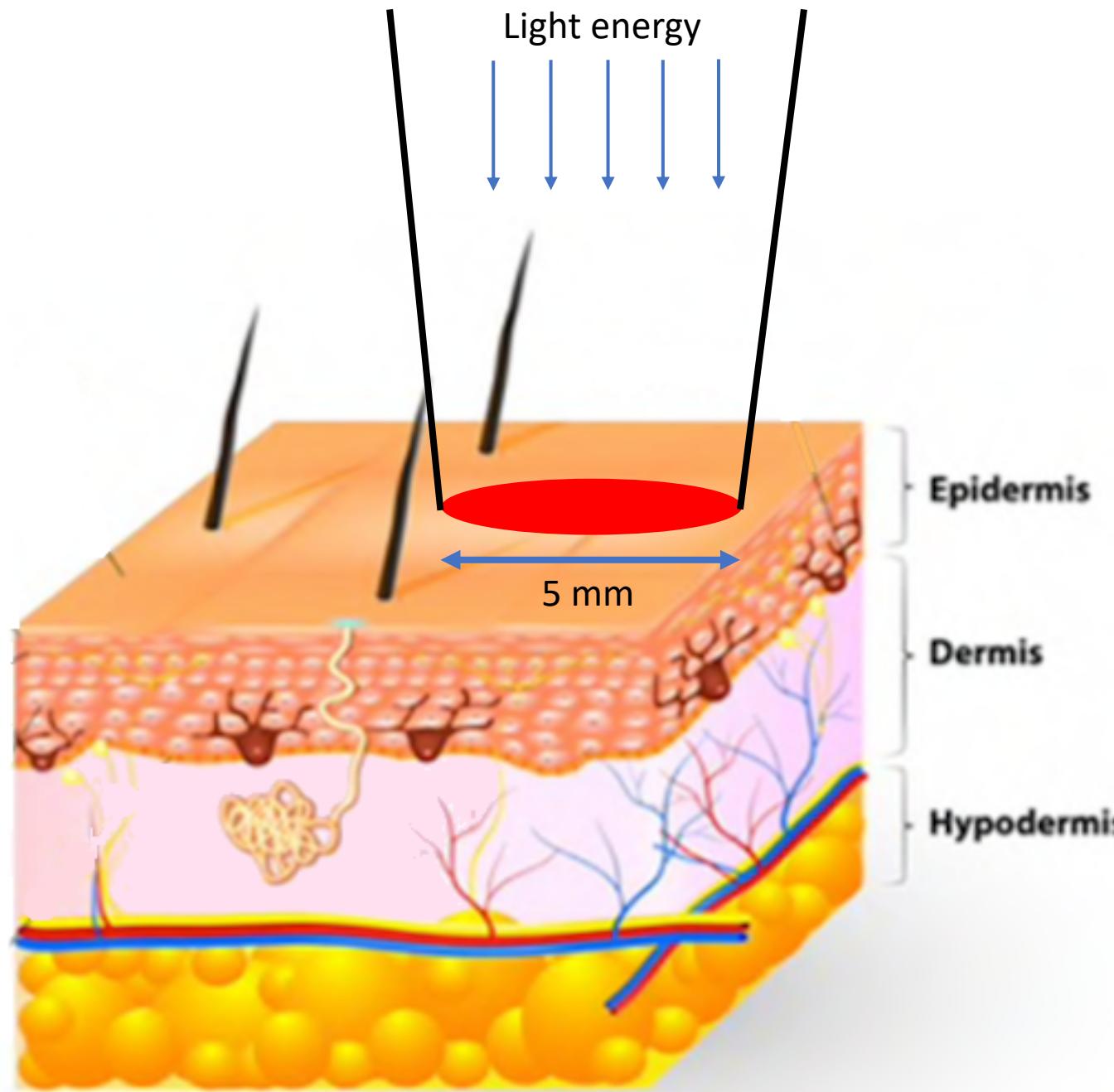
Energy = 600 millijoules (mJ)

Spot diameter = 1 mm

Fluence = 76.4 J/cm²



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Light energy

5 mm

Epidermis

Dermis

Hypodermis

Energy = 600 millijoules (mJ)

Spot diameter = 5 mm

Fluence = 3.1 J/cm²



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Energy Density (Fluence)

Spot diameter (mm)	Energy Density (Fluence) (J/cm ²)
5	3.1
4	4.8
3	8.5
2	19.1
1	76.4

Assuming the same incident light energy at the skin surface of 600 millijoules (mJ)

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