



The Effect of Anisotropy with Tattoo Lasers





What is 'anisotropy'?

'Isotropy' comes from the Greek language:

'Iso' – equal

'tropos' – direction

Isotropy means “uniform behaviour in all directions equally”





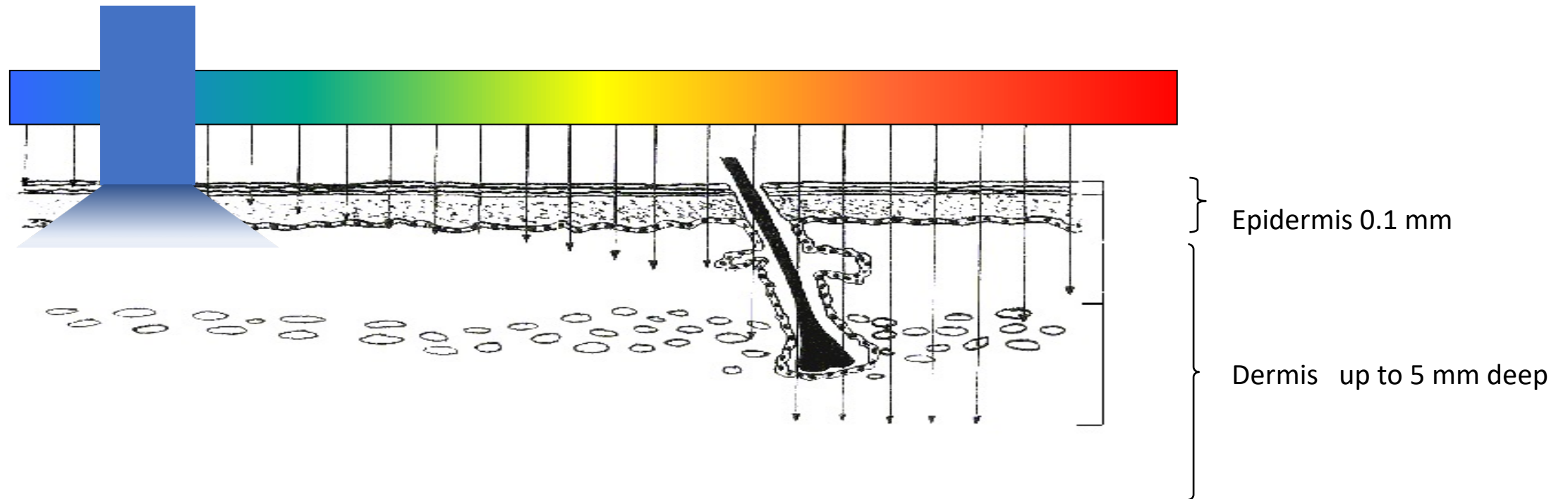
What is 'anisotropy'?

'An' – means 'not'

So, 'anisotropy' describes how light moves in different directions in tissues, with some directions being 'preferred'



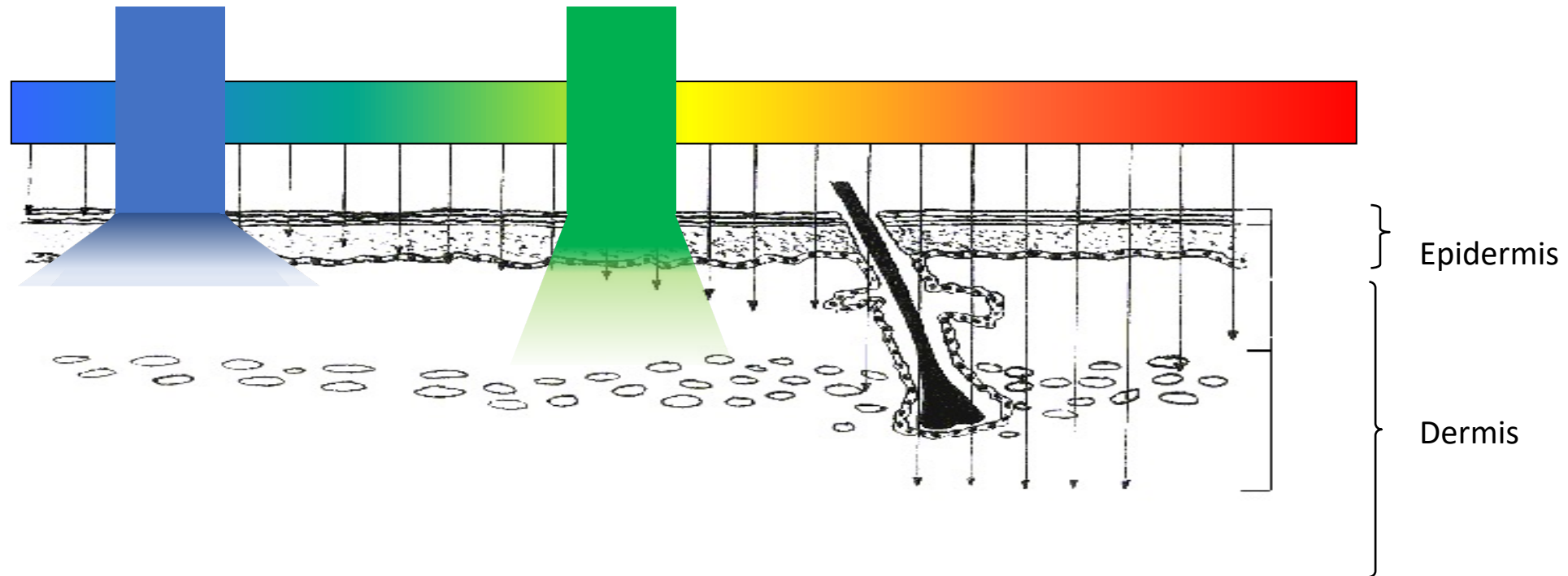
What is 'anisotropy' related to laser light in the skin?



Not to scale



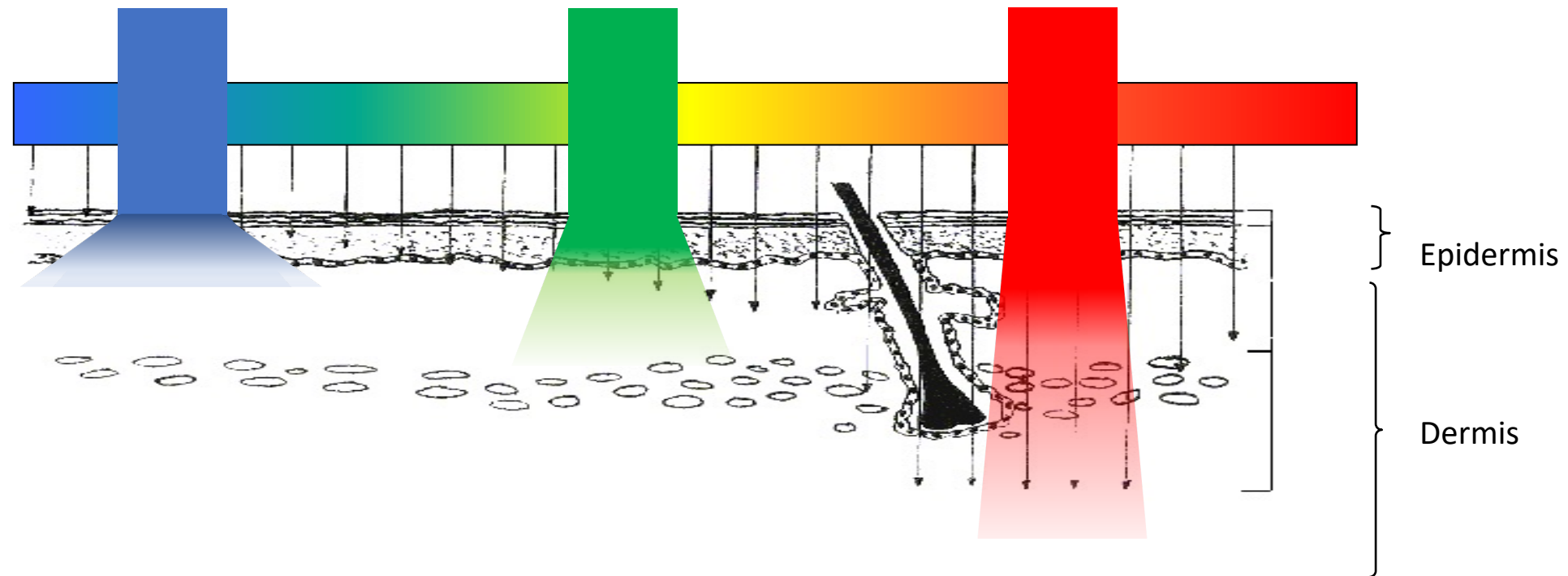
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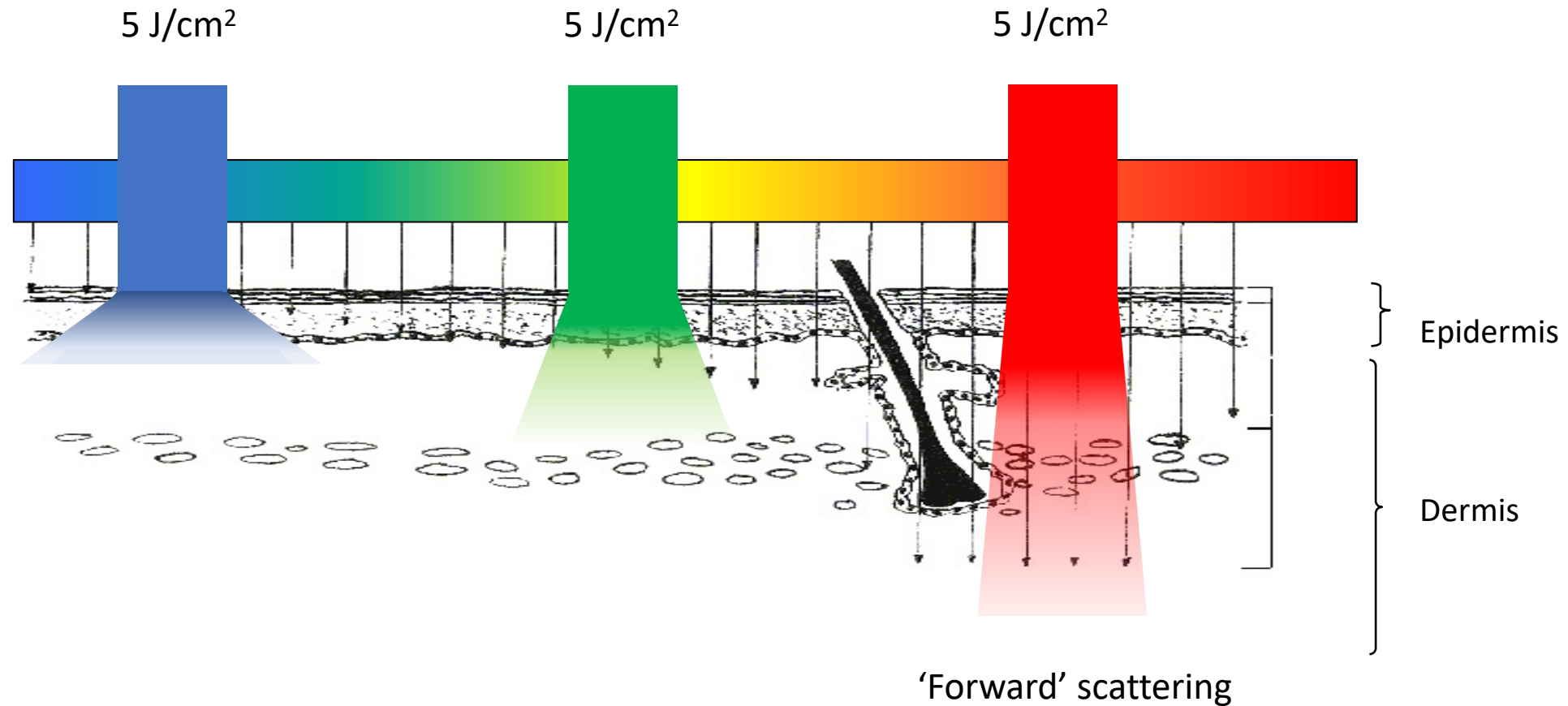
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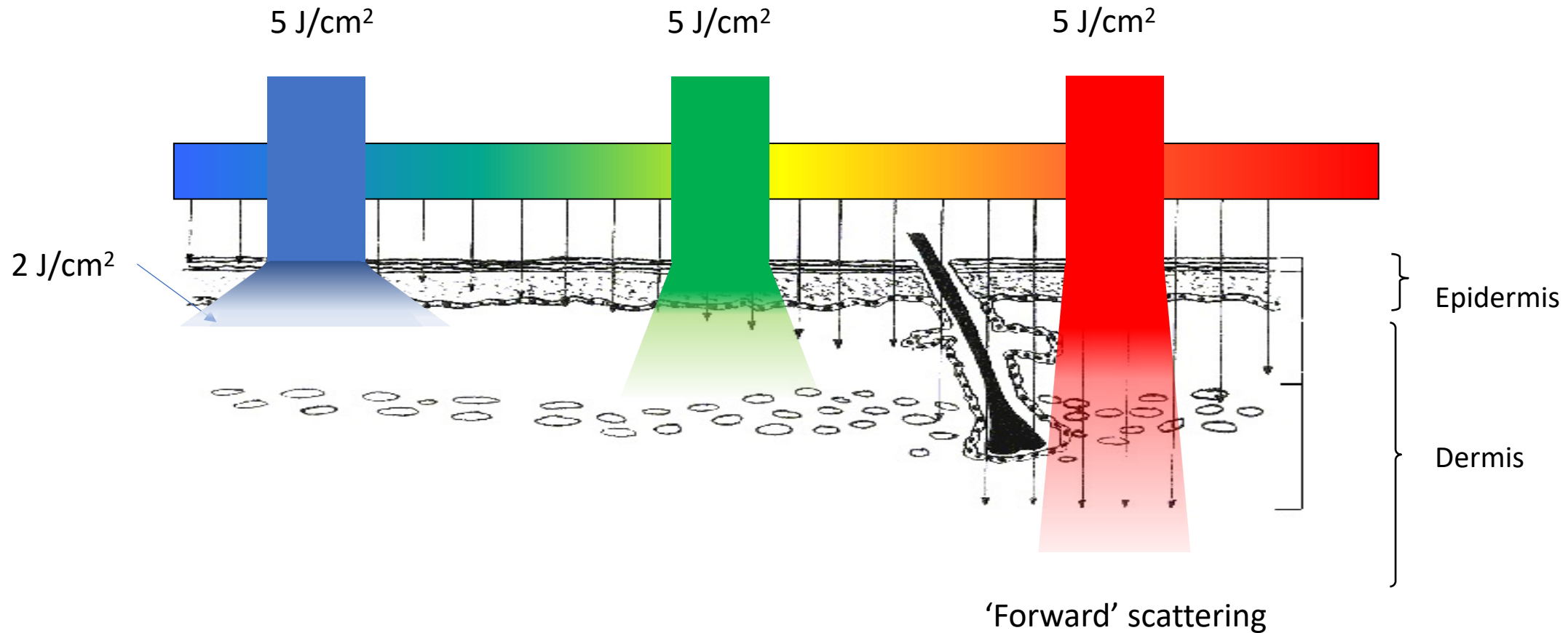
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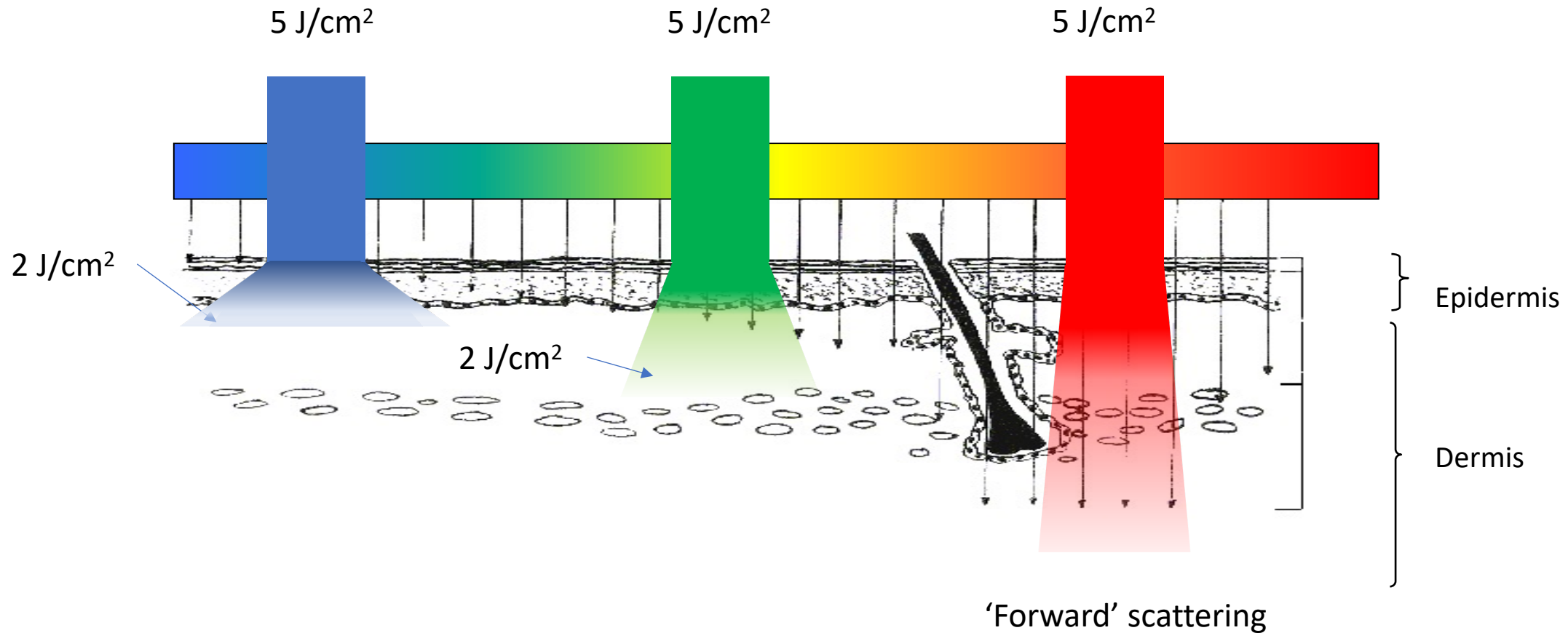
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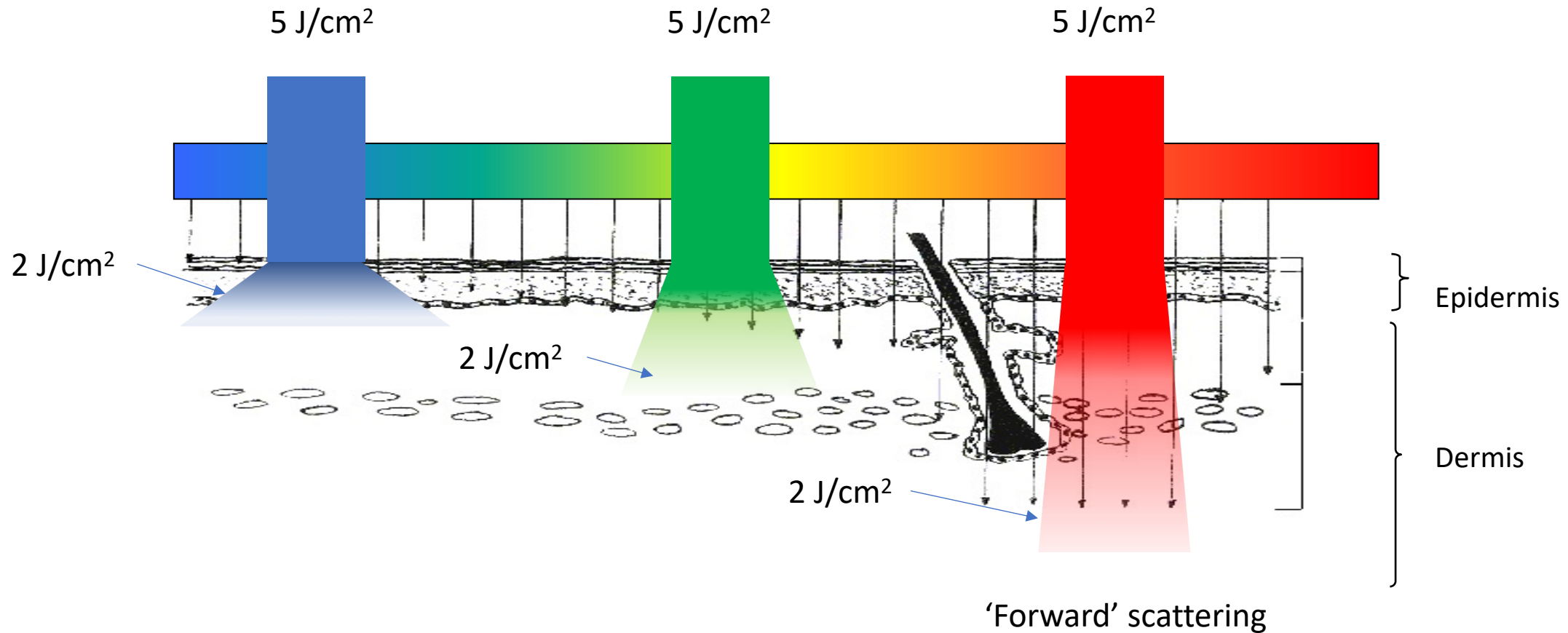
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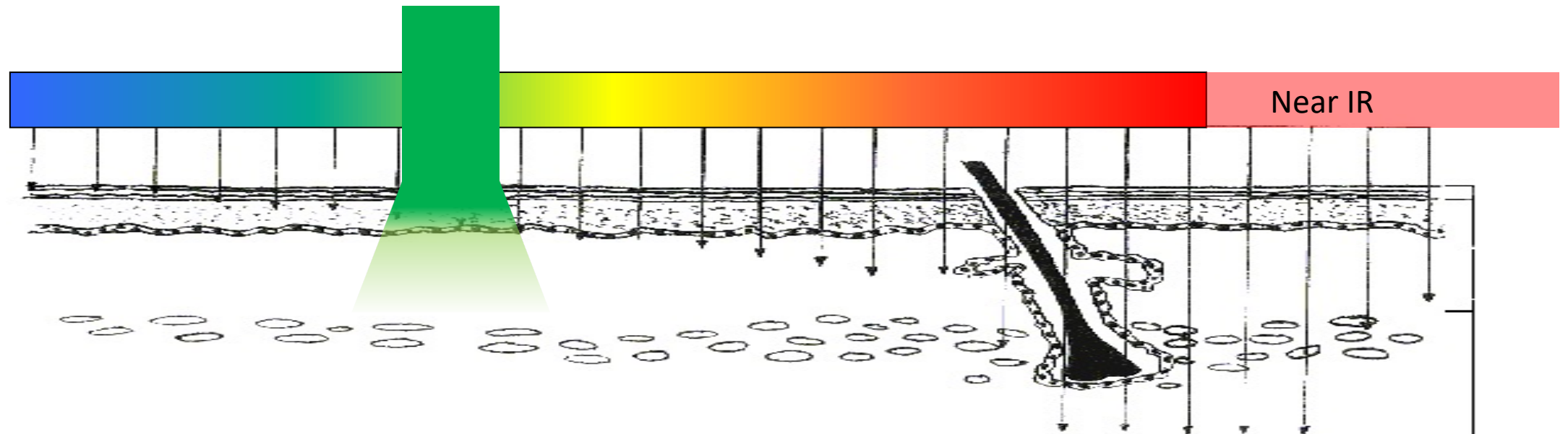


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Tattoo Lasers

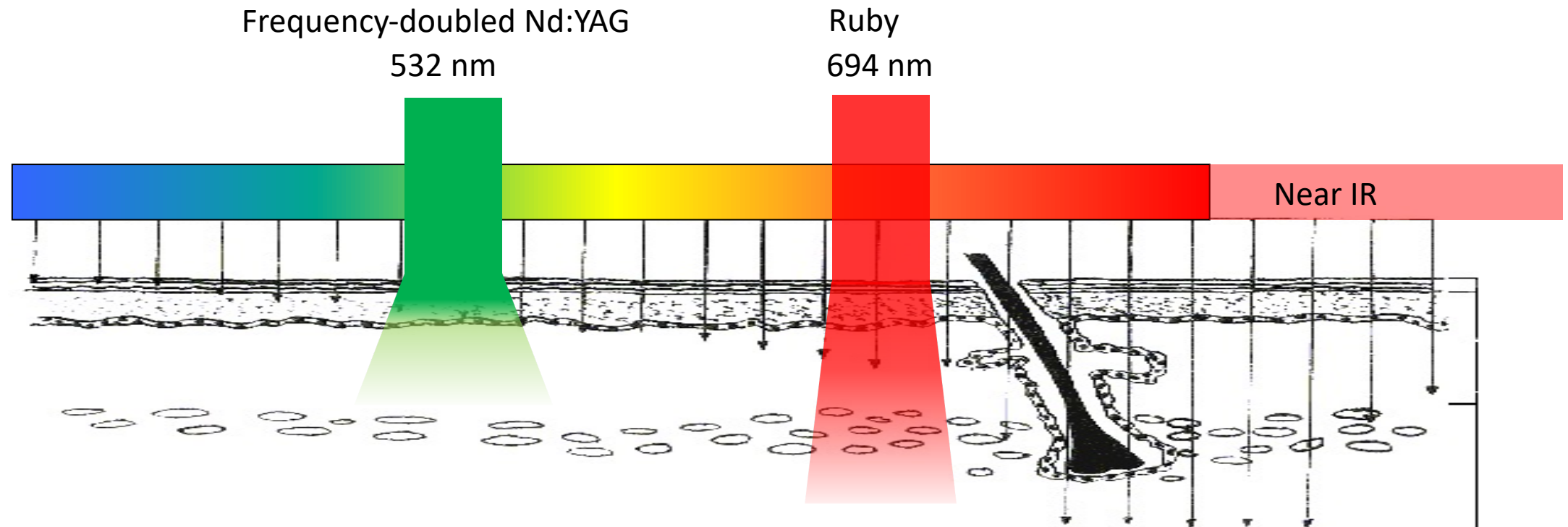
Frequency-doubled Nd:YAG
532 nm



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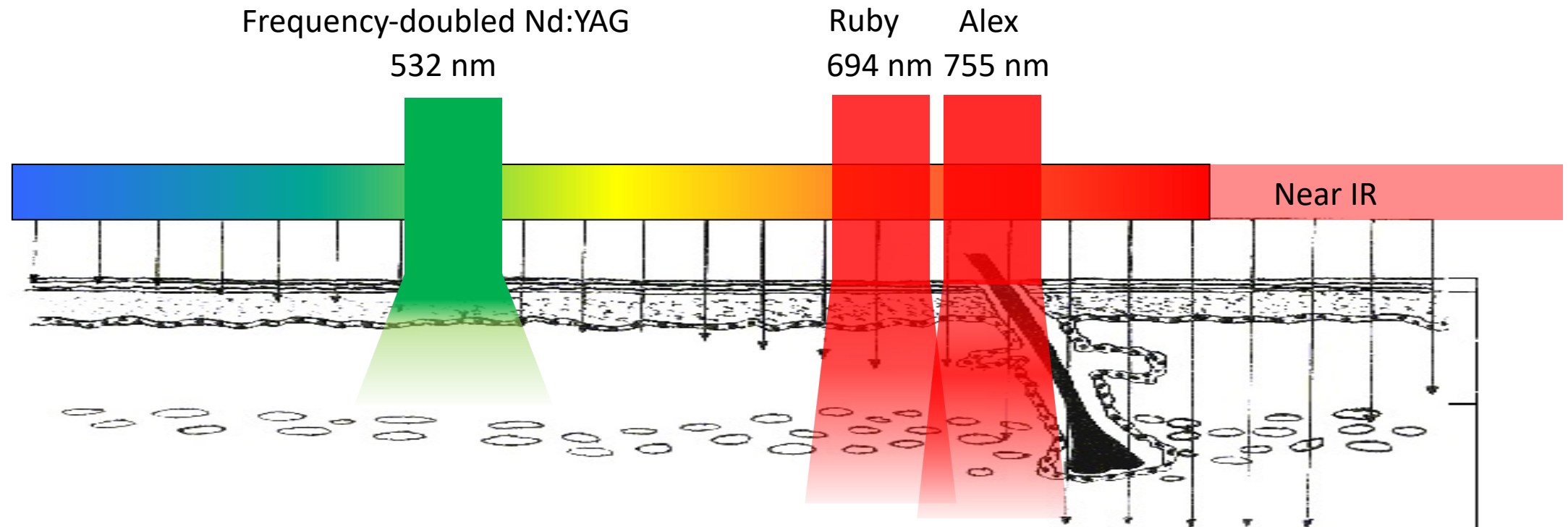
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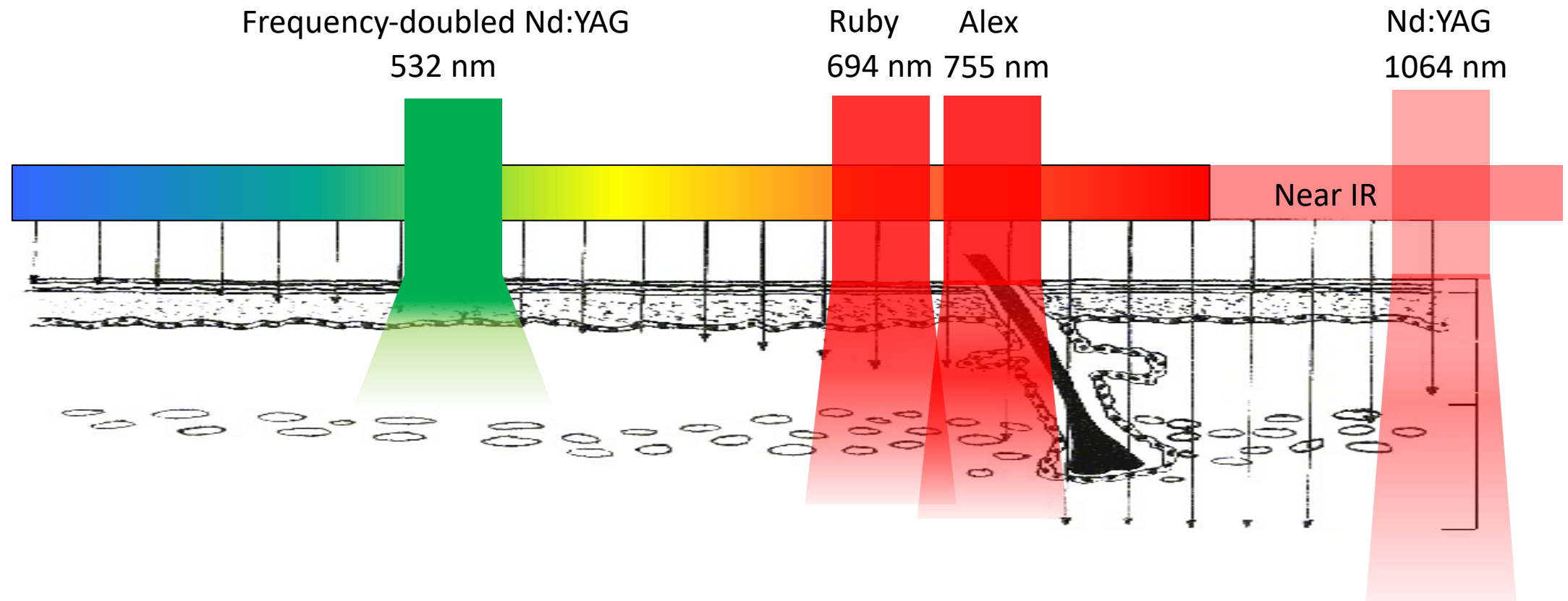
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Thanks for listening

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