

Revision questions on the core concept videos.



Audio track answers are [here](#). The URL for the audio answers is:

<https://soundcloud.com/user-40888762/sets/basic-concepts-skin-science>

Questions on skin biology video 2

- Q1 Erythema peaks at 6 hours? True or false?
- Q2 The UVR induced erythema is due to vasodilation of which vessels?
- Q3 If no erythema is present, no DNA damage has occurred? True or false
- Q4 Taking aspirin a few hours after sun exposure reduces DNA damage and cancer risk?
- Q5 Which is more likely to induce erythema: X Joules at 320 nanometers (nm) or X Joules at 390 nanometers (nm)?
- Q6 What is the mode of inheritance of xeroderma pigmentosum?
- Q7 The number of skin cancers patients with xeroderma pigmentosum develop varies. Give two reasons for this.
- Q8 In those 'normal' people without xeroderma pigmentosum, why do cancers occur, and why are they related to DNA damage if repair mechanisms exist?
- Q9 Freckles represent clones of melanocytes? True or false
- Q10 In what patient groups do we see most freckling? Why?