

Immunology spot the difference

Suitable from approx.
age 6+

This activity can be done with individuals or small groups and requires a facilitator

Aim

To demonstrate why the immune system can't always spot cancer cells.

Materials

- The two images printed on A4 and laminated so they can be reused.
- Different coloured whiteboard pens and cloth to wipe clean.
- Alternatively, print the sheets for single use.

Instructions

- 1 Facilitator asks: **Can you spot 5 differences between these two pictures? When you see one, please circle it.**
- 2 Participant tries to find all differences.
- 3 If they find all 5 – Facilitator: **Well done, you'd be brilliant in the immune system as you've found even the hardest to spot differences.**
- 4 If they can't find all the differences – Facilitator: **Don't worry, some of the differences are very hard to spot, like cancer cells can be hard for the immune system to find. Give participant a clue to help them find all 5.**
- 5 Facilitator: **Just like I helped you find all the differences, we have to help the immune system find cancer cells. We can do this by using cancer immunotherapy. Immunotherapy is a type of cancer treatment that helps your immune system fight cancer. The immune system helps your body fight infections and other diseases and as we've learnt more recently, cancer.**





