**Color Palette Justification**

Primary Colors:

Blue (#155AA4) is associated with trust, professionalism and reliability, which is extremely important in the medical and educational fields. It has a calming and relaxing effect on the user, facilitating concentration on the learning process.

Green (#2E9F47) symbolizes health, development and safety. It evokes associations with positive results in both educational and medical fields.

Secondary Colors:

White (#FFFFFF) is considered clean and neutral, it allows the focus to be on the content and visuals without being overwhelming.

Gray (#313131) adds depth and contrast, ideal for text and secondary elements, maintaining a professional and stylish look.

Accent Color:

Light blue (#6DA5E1) is suitable for buttons and links, adding dynamism and interest to the interface.

These colors together create an atmosphere of trust and calmness necessary for educational content, while maintaining a professional and aesthetically pleasing appearance.

References:

<https://app.recraft.ai> for icons

<https://www.figma.com/community> for templates

<https://www.figma.com/design/tsR9l8mYwnBLoKNwVpkyZ7/Human-Anatomy-Component-System-(Community)?node-id=303-69298&t=wmH9WLz6MEBmL5zx-1> for 2d anatomy