Here is the instantiated assurance case for the DeepMind system, represented hierarchically using dashes to denote different levels:

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G1: Interpretability Claim. The DeepMind system is sufficiently interpretable in the intended clinical context

- C1: DeepMind system

- C2: Interpretable

- C3: Clinical context including setting, time, and audience

- S1: Argument based on the essential aspects of interpretability

- C4: Essential aspects of interpretability

- G2: Right Method. The right interpretability methods are implemented, i.e., the correct information is faithfully being explained

- C5: Interpretability methods

- S2: Argument over interpretability methods (undeveloped)

- G8: Tissue-segmentation map is the right type (local, i.e., the correct thing is being explained) (undeveloped)

- G9: Tissue-segmentation map is suitably faithful to the DeepMind system process (undeveloped)

- G3: Right Context. Interpretations produced in the clinical context

- C6: Format of interpretations

- G5: Interpretations produced at the appropriate time (undeveloped)

- G6: Interpretations are available in the right setting (undeveloped)

- G7: Interpretations produced for the right audience (undeveloped)

- G4: Right Format. Interpretability methods are presented in the right format for the clinicians (undeveloped)

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In this hierarchical structure:

- \*\*G1\*\* is supported by the strategy \*\*S1\*\*.

- \*\*S1\*\* is contextualized by \*\*C4\*\* and supports the goals \*\*G2\*\*, \*\*G3\*\*, and \*\*G4\*\*.

- \*\*G2\*\* is contextualized by \*\*C5\*\* and supported by the strategy \*\*S2\*\*.

- \*\*S2\*\* supports the goals \*\*G8\*\* and \*\*G9\*\*, both of which need development.

- \*\*G3\*\* is contextualized by \*\*C6\*\* and supports \*\*G5\*\*, \*\*G6\*\*, and \*\*G7\*\*, all of which need development.

- \*\*G4\*\* needs development and is contextualized by \*\*C6\*\*.