Below is the instantiated assurance case for the DeepMind system using the given assurance case pattern. The hierarchical tree structure is represented with dashes (-) to denote different levels.

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

- C1: DeepMind system comprises two neural networks for retinal disease diagnosis from scans

- C2: Interpretability as producing tissue-segmentation maps understandable by clinicians

- C3: Context: Setting is the clinical environment, Time is during diagnosis, Audience is retinal clinicians

- S1: Argument based on the essential aspects of interpretability

- C4: Essential aspects of interpretability include transparency, understandability, and faithfulness of the method

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

- C5: Interpretability methods involve generating intermediate segmentation maps and providing context for the diagnosis

- S2: Argument over interpretability methods

- G8: Method correctness. Segmentation maps are of the right type (local explanation) for the context of retinal diagnosis

- G9: Faithfulness. Segmentation maps are suitably faithful to DeepMind system process and logic

- G3: Right Context. Interpretations produced in the intended clinical pathway

- C6: Interpretability methods involve producing segmentation maps familiar to clinicians

- G5: Right Time. Interpretations produced at the appropriate time during the diagnosis process

- G6: Right Setting. Interpretations are available in the right clinical setting

- G7: Right Audience. Interpretations produced for the right audience, i.e., retinal clinicians

- G4: Right Format. Interpretability methods are presented in the right format (segmentation maps) understandable to clinicians

- C6: Segmentation maps provide visual and contextual clarity in a format clinicians are accustomed to analyzing

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This represents the instantiated and detailed assurance case for the interpretability of the DeepMind system, as derived from the provided assurance case pattern.