Given the assurance case pattern and the domain information provided for the DeepMind system, I will instantiate an assurance case for the DeepMind system in a hierarchical tree format as specified in the request. This instantiation will involve replacing generic terms within placeholders with specific information relative to DeepMind's system.

Here is the instantiated assurance case for the DeepMind system:

```

G1: Interpretability Claim. The DeepMind ML models are sufficiently interpretable in the clinical diagnostic context.

- C1: DeepMind ML models

- C2: Interpretable

- C3: Context: Clinical diagnostic setting, including timing and audience for clinicians

- S1: Argument based on the essential aspects of interpretability

- C4: Essential aspects of interpretable ML in medical imaging

- G2: Right Method. The right interpretability methods are implemented, i.e., the segmentation maps are faithfully being explained.

- C5: Interpretability methods like segmentation maps

- S2: Argument over interpretability methods

- G8: Segmentation map is the right type of interpretability method (i.e., local context explanations).

- G9: Interpretation method is suitably faithful to DeepMind ML models' processes.

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

- C6: Format and setting of interpretations in clinical practice

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

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

- G7: Right Audience. Interpretations are produced specifically for retinal clinicians.

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

```

### Explanation:

1. \*\*G1\*\*: The top goal considers the general interpretability claim that the ML models by DeepMind are sufficiently interpretable in terms of processes and outputs in the applied clinical diagnostic setting.

2. \*\*C1, C2, C3\*\*: Contexts provide specific details about what is meant by the model, interpretability, and the specific setting where these interpretations are to apply.

3. \*\*S1\*\*: A strategy explaining how we argue based on crucial aspects of interpretability, involving right methods, contexts, and formats to demonstrate interpretability.

4. \*\*G2-G4 and G8, G9\*\*: These goals break down specifics of what the "right" aspects are concerning methods, formats, audience, and how faithful the method is to the model's processes, supplying further decomposition of the assurances needed for interpretability.

5. \*\*S2\*\*: A further strategy that discusses the specific methods of interpretability used, leading to goals about the type and faithfulness of these methods.

6. \*\*G5-G7\*\*: Additional goals under G3 specify the desired timing, setting, and target audience for these interpretations within the clinical diagnostic context.

This assurance case now details out from a broad interpretability claim down into specific considerations pertaining to that claim, relevant in a specific high-stakes context such as medical imaging diagnostics by DeepMind's systems.