

# Research Highlights

**Manuscript title:** Multi-channel, Convolutional Attention based Neural Model for Automated Diagnostic Coding of Unstructured Patient Discharge Summaries

**Highlights of this research include:**

- Design of a multi-channel convolutional attention network to model raw clinical data.
- Extracting rich patient-specific information from unstructured discharge summaries.
- Eliminating dependency on structured EMRs by utilizing clinical text.
- Enhancing the model interpretability to facilitate explainable intelligent healthcare.