Comment:

CodingSchemeDesignator (Observation): lowercase

StudyDate: Date type

Line: points removed by startx,y, end x,y

MicroAIM.org

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| **Class name** | **Description** |
| MicroAIM | The root class of MicroAIM document, which links together all other components. |
| **Annotation** | Explanatory or descriptive information made by humans or machines directly related to the content of a referenced image or images. |
| **Markup** | Graphical symbols associated with one image or multiple images. |
| **ImageReference** | Metadata that describes an image or a group of images that are used as the base for making markup and annotation, and can be used to identify and retrieve them from an image database or data service. All images referenced by ImageReference come from the same subject, specimen, equipment and on the same anatomic entity. |
| **Region** | A region from an ImageReference where the markups and annotations are made. |
| **Subject** | A person or animal that is analyzed, examined, investigated, experimented upon, treated in the course of a research study. |
| **Specimen** | A single unit of tissue or blood or urine that is taken or used for research purposes. |
| **Equipment** | An automated device that created the observations used for biomedical research, diagnosis or therapy. |
| **AnatomicEntity** | The place in the body where the finding is located. |
| **GeometricShape** | Geometric shapes used to represent markups. |
| **Field** | Field based markup for representing masks and tensor fields such as scalar, vector and matrix. |
| **Observation** | An observation made based on interpretation of an image or images, including visual features (e.g., an opacity, abnormal high signal intensity) morphologic or physiologic processes (e.g., pleural effusion, tracheal deviation), and diseases (e.g., adenocarcinoma, arthritis). |
| **Calculation** | The quantitative result from mathematical or computational calculation. |
| **Inference** | A conclusion about diseases derived by observing imaging studies and/or medical history. |
| **Provenance** | Information that helps determine the derivation history of a markup or annotation, such as algorithm information, parameters, and other inputs. |
| **Project** | Aggregation of related images, markup, or annotations, from which conclusions may be drawn. |
| **Group** | Aggregation of closely related subset of annotation documents. |
| **User** | The person who creates the MicroAIM document. |