2020 RSNA PE Detection Challenge Dataset Description	
Imaging Modality and Contrast	Computed tomography • RadLex ID: RID10321 Iodinated contrast agent • RadLex ID: RID11583 • Intravenous
Procedure (Orderable)	CT Chest W contrast IV and CT angiogram Pulmonary arteries for pulmonary embolus W contrast IV (88322-3)
Annotation Pattern	Examination-level label PE Negative exam for PE Indeterminate (1+) Quality Assurance (QA)-motion QA-contrast Pulmonary embolism present Location (1+) Central PE Right-sided PE Right-sided PE Left-sided PE Right ventricle (RV)/left ventricle (LV) ratio (pick one)
Annotation methodology and structure	Method of annotation • Manual Number of annotators • Training set: 1 • Testing set: 3 Annotation output • JSON Annotation software • md.ai
Data use agreement/licensing	 Non-commercial purpose Registration (e.g., the intent of use) References to dataset Creative commons Versioning

Imaging file and structure set format	DICOMJSON files (md.ai schema)
Slice thickness (in mm)	3 mm minimum
Image Characteristics	Resolution • Original Pre-processing • Resampled sub-3mm images to 3mm Burned-in PHI • No Plane • Axial Reformatting • None
Labeler demographics	Specialty: thoracic radiology
Reference	Colak E, et al. The RSNA Pulmonary Embolism CT Dataset https://pubs.rsna.org/doi/10.1148/ryai.2021200254

V1 02/07/2022