a. **Medical Text** 2D Image **3D** Medical Volume **Video** 14 Medical Modalities **Downstream Tasks** Electronic Health Record Microscopy Medical Dialogue **Anomaly Detection** Histopathology Ultrasound **Prognosis Prediction** Treatment Planing Holistic Computered Tomography X-Ray Surgical Skill Assessment **Understanding** Surgical Video Medical Report Generation Dermoscopy Education **Fundus** Endoscopy Surgical Phase Recogition Magnetic Resonance Imaging Medical Computation ... ... Multilingual **Multi-Turn** Rare Disease **Understanding Clinical Dialogue Diagnosis** b. C. Multi-System\* 1,033,989 OCT Skin / Integumentary System 尝 498,168 X-Ray Respiratory System 452,497 Cellular / Tissue Level\* 389,768 Angiography Endoscopy Digestive System 🦃 325,507 Dermoscopy Nervous System 🤗 Ultrasound 291,509 MRI Cardiovascular System 🕅 276,976 **Fundus** Medical Musculoskeletal System 267,130 Chart CT Reproductive System 166,998 Digital PET Photograph Urinary System 🎇 166,998 Whole Body\* 🗓 97.333 Endocrine System 😸 78,201 Histopathology Immune / Lymphatic System 3 18,584 Microscopy Hematologic System 65,379