

Table S1: List of the abbreviations of the image labels and label composition in each medical image dataset.

Dataset	Abbreviation	Description	#images
Skin lesion	MEL (case)	melanoma	335
	NV (control)	melanocytic nevus	2016
	BCC	basal cell carcinoma	144
	AKIEC	actinic keratosis/Bowens disease (intraepithelial carcinoma)	98
	BKL	benign keratosis (solar lentigo/seborrheic keratosis/lichen planus-like keratosis)	335
	DF	dermatofibroma	39
	VASC	vascular lesions	48
OCT	CNV (case)	choroidal neovascularization with neovascular membrane and associated subretinal fluid	840
	DME	diabetic macular edema with retinal-thickening-associated intraretinal fluid	840
	DRUSEN	multiple drusen present in early age-related macular degeneration	840
	NM (control)	normal retina with preserved foveal contour and absence of any retinal fluid/edema	840
Chest X-ray	NORMAL (control)	no pneumonia	270
	PNEUMONIA (case)	viral or bacterial pneumonia	270