

**Table 1.** The list of DICOM tags that were retained for loading and processing raw images. All other tags were removed for protecting patient privacy. Details about all these tags can be found from DICOM Standard Browser at <https://dicom.innolitics.com/ciods>.

DICOM Tag	Attribute Name	Description
(0010, 0040)	Patient's Sex	Sex of the named patient.
(0010, 1010)	Patient's Age	Age of the patient.
(0010, 1020)	Patient's Size	Length or size of the patient, in meters.
(0010, 1030)	Patient's Weight	Weight of the patient, in kilograms.
(0028, 0010)	Rows	Number of rows in the image.
(0028, 0011)	Columns	Number of columns in the image.
(0028, 0030)	Pixel Spacing	Physical distance in the patient between the center of each pixel, specified by a numeric pair - adjacent row spacing (delimiter) adjacent column spacing in mm.
(0028, 0034)	Pixel Aspect Ratio	Ratio of the vertical size and horizontal size of the pixels in the image specified by a pair of integer values where the first value is the vertical pixel size, and the second value is the horizontal pixel size.
(0028, 0100)	Bits Allocated	Number of bits allocated for each pixel sample. Each sample shall have the same number of bits allocated.
(0028, 0101)	Bits Stored	Number of bits stored for each pixel sample. Each sample shall have the same number of bits stored.
(0028, 0102)	High Bit	Most significant bit for pixel sample data. Each sample shall have the same high bit.
(0028, 0103)	Pixel Representation	Data representation of the pixel samples. Each sample shall have the same pixel representation.
(0028, 0106)	Smallest Image Pixel Value	The minimum actual pixel value encountered in this image.
(0028, 0107)	Largest Image Pixel Value	The maximum actual pixel value encountered in this image.
(0028, 1050)	Window Center	Window center for display.
(0028, 1051)	Window Width	Window width for display.
(0028, 1052)	Rescale Intercept	The value b in relationship between stored values (SV) and the output units specified in Rescale Type (0028,1054). Each output unit is equal to $m \cdot SV + b$ .
(0028, 1053)	Rescale Slope	Value of m in the equation specified by Rescale Intercept (0028,1052).
(7FE0, 0010)	Pixel Data	A data stream of the pixel samples that comprise the image.
(0028, 0004)	Photometric Interpretation	Specifies the intended interpretation of the pixel data.
(0028, 2110)	Lossy Image Compression	Specifies whether an image has undergone lossy compression (at a point in its lifetime).
(0028, 2114)	Lossy Image Compression Method	A label for the lossy compression method(s) that have been applied to this image.
(0028, 2112)	Image Compression Ratio	Describes the approximate lossy compression ratio(s) that have been applied to this image.
(0028, 0002)	Samples per Pixel	Number of samples (planes) in this image.
(0028, 0008)	Number of Frames	Number of frames in a multi-frame image.