



The Result

Chapter four : The Result

Table (4.1) showed visual evaluation of abdomen images quality in 8/64 slices

N of image	Image Quality								No of sclis
	High	Percentage %	Very Good	Percentage %	Good	Percentage %	Acceptable	Percentage %	
1	17	56.66	7	23.33	4	13.33	2	6.66	64
2	18	60	5	16.66	4	13.33	3	10	64
3	5	16.66	4	13.33	17	56.66	4	13.33	8
4	3	10	5	16.66	13	43.33	9	30	8

Figure (4.1) showed visual evaluation of abdomen images quality in 8/64 slices

Table (4.2) showed visual evaluation of brain images quality in 8/64 slices

N of image	Image Quality								N of slices
	High	Percentage %	Very Good	Percentage %	Good	Percentage %	Acceptable	Percentage %	
1	17	56.66	05	16.66	04	13.33	04	13.33	64
2	19	63.33	06	20	03	10	02	6.66	64
3	04	13.33	02	6.66	15	50	09	30	8
4	01	3.33	02	6.66	20	66.66	07	23.33	8

Figure (4.2) showed visual evaluation of brain images quality in 8/64 slices

Table (4.3) showed visual evaluation of abdomen images noise in 8/64 slices

N of image	Image Noise								N of slices
	High	Percentage %	Very Good	Percentage %	Good	Percentage %	Acceptable	Percentage %	
1	1	3.33	03	10	10	33.33	16	53.33	64
2	0	0	02	6.66	06	20	22	73.33	64
3	0	0	02	6.66	23	76.67	5	16.67	8
4	0	0	10	33.33	15	50	5	16.67	8

Figure (4.3) showed visual evaluation of abdomen images noise in 8/64 slices

Table (4.4) showed visual evaluation of brain images noise in 8/64 slices

N of image	Image Noise								N of slices
	High	Percentage %	Very Good	Percentage %	Good	Percentage %	Acceptable	Percentage %	
1	0	0	05	16.67	10	33.33	15	50	64
2	0	0	02	6.66	10	33.33	18	60	64
3	0	0	15	50	12	40	3	10	8
4	1	3.33	20	66.67	7	23.33	2	6.67	8

Figure (4.4) showed visual evaluation of brain images noise in 8/64 slices

Table (4.5) showed visual evaluation of abdomen images artifact in 8/64 slices

N of image	Image Artifact								N of slices
	High	Percentage %	Very Good	Percentage %	Good	Percentage %	Acceptable	Percentage %	
1	0	0	01	3.33	06	20	23	76.67	64
2	0	0	00	0	05	16.67	25	83.33	64
3	0	0	08	26.67	20	66.67	2	6.67	8
4	0	0	06	20	23	76.67	1	3.33	8

Figure (4.5) showed visual evaluation of abdomen images artifact in 8/64 slices

Table (4.6) showed visual evaluation of brain images artifact in 8/64 slices

N of image	Image Artifact								N of slices
	High	Percentage %	Very Good	Percentage %	Good	Percentage %	Acceptable	Percentage %	
1	0	0	00	0	12	40	18	60	64
2	0	0	02	6.66	10	33.33	18	60	64
3	0	0	06	20	17	56.67	7	23.33	8
4	0	0	10	33.33	18	60	2	6.66	8

Figure (4.6) showed visual evaluation of brain images artifact in 8/64 slices

Table (4.7) showed the amount of dose for Abdomen in 64/8 slices CT

No of slices	CTDI _{mGy}	DLP _{mGy}	Kvp	mAs
64	27.40_28.50	1391.70_1447.40	120_140	20_40
8	13.04_73.14	585.66_1963.26	120_140	20_40

Table (4.8) showed the amount of dose for Abdomen in 64/8 slices CT

No of slices	CTDI _{mGy}	DLP _{mGy}	Kvp	mAs
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64	80_80	1422.80_109 0.70	120_140	20_40
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8	117.10_96 .02	1953.43_124 8.30	120_140	20_40
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