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[Reference: International Commission on Radiological Protection](#)

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Effective Dose Veraview X800

Note: Land phantom is female. height 163 cm, weight 54 kg, and the patient size condition of X800 is M.

CT

Loading Factor: 100 KV, 360° Standard Mode

ROI, FOV	Lower molar 5mA DR 17.9 sec	Maxillo facial 3mA 17.9 sec x2
	40 x 40 [mm]	150 x 140*2 [mm]
Effective Doses [μSv/1 CT image]	53	251

- Note 1. Unit of effective dose: micro Sievert
- Note 2. According to ICRP Pub. 103, the remaining organs/tissues shall be the arithmetic mean dose of 13 types of organs/tissues for each sex.
- Note 3. Stitch scan with two scans of 150 x 75 taken as one scan.
- Note 4. Maximum value for DR.

CT

Loading Factor: 100 KV, 5 mA, 180° Standard Mode (9.4 sec), DR

ROI, FOV	Lower molar	Upper Incisor	Incisor	Molar	Dental Arch
	40 x 40 [mm]	40 x 40 [mm]	40 x 80 [mm]	40 x 80 [mm]	100 x 80 [mm]
Effective Doses [μSv/1 CT image]	28	16	39	43	77

- Note 1. Unit of effective dose: micro Sievert
- Note 2. Accordint to ICRP Pub. 103, the remaining organs/tissues shall be the arithmetic mean dose of 13 types of organs/tissues for each sex.
- Note 3. Maximum value for DR.

Panorama

Loading Factor: 70KV, 8 mA, (7.4 sec)

ROI, FOV	Full
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Effective Doses μSv/1 image]	6
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Note 1. Unit of effective dose: micro Sievert

Note 2. According to ICRP Pub. 103, the remaining organs/tissues shall be the arithmetic mean dose of 13 types of organs/tissues for each sex.

Cephalo

Loading Factor: 100KV, 10 mA, (6.0 sec), Density Comp.

ROI, FOV	Full Lateral
Effective Doses μSv/1 image]	2

Note 1. Unit of effective dose: micro Sievert

Note 2. Accordint to ICRP Pub. 103, the remaining organs/tissues shall be the arithmetic mean dose of 13 types of organs/tissues for each sex.

Note 3.Maximum value for Density Comp.

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