Before x-rays After 1st: 8.9 kGy After 2nd: 17.6 kGy After 3rd: 26.4 kGy After 4th: 35.2 kGy After 5th: 44 kGy After 6th: 61.4 kGy After 7th: 70.2 kGy After 8th: 105 kGy After 9th: 113.8 kGy After 10th: 183 kGy After 11th: 191.8 kGy After 12th: 290.8 kGy After 13th: 299.6 kGy After 14th: 398.6 kGy After 15th: 407.4 kGy After 16th: 506.4 kGy **Burner datasets**