

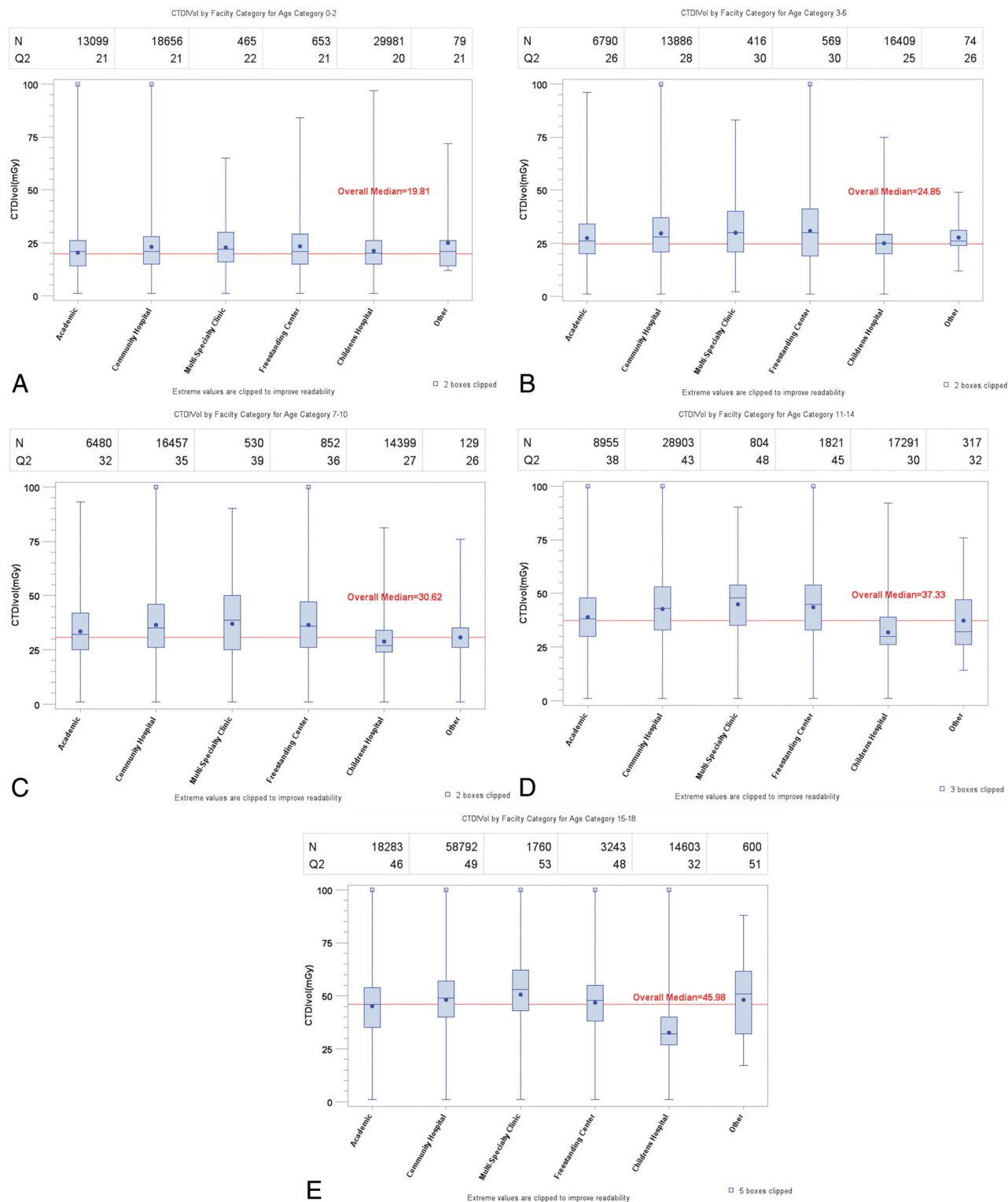
On-line Table: Patient and facility characteristics for pediatric noncontrast head CT examinations

Characteristics	Facilities ^a (No.) (%)	Examinations (No.) (%)	CTDI _{vol} (mGy) (Median) (IQR)	DLP (mGy × cm) (Median) (IQR)
Overall	966 (100)	295,296 (100)	33 (22–47)	543 (357–758)
Patient age (yr)				
0–2	633 (66)	62,933 (21.3)	20 (14–26)	294 (203–402)
3–6	670 (69)	38,144 (12.9)	25 (20–34)	411 (312–556)
7–10	727 (75)	38,847 (13.1)	31 (24–41)	507 (394–668)
11–14	836 (87)	58,091 (19.7)	37 (28–49)	617 (472–800)
15–18	894 (93)	97,281 (33.0)	46 (35–55)	743 (576–912)
Sex				
Female	910 (94)	129,814 (44.0)	33 (23–47)	543 (357–752)
Male	917 (95)	165,482 (56.0)	32 (22–46)	544 (358–765)
Facility type ^b				
Academic	103 (11)	53,607 (18.1)	32 (22–46)	535 (346–756)
Community	533 (55)	136,694 (46.3)	40 (27–52)	645 (435–848)
Multispecialty clinic	41 (4)	3975 (1.3)	44 (28–54)	692 (416–980)
Freestanding center	251 (26)	7138 (2.4)	44 (30–51)	672 (461–842)
Children's hospital	29 (3)	92,683 (31.4)	26 (19–33)	429 (297–445)
Other	9 (1)	1199 (0.5)	36 (26–53)	599 (453–906)
Trauma designation ^b				
I	122 (13)	130,536 (44.2)	27 (20–39)	460 (308–663)
II	104 (11)	62,240 (21.1)	32 (22–46)	538 (365–758)
III	69 (7)	18,033 (6.1)	45 (32–59)	718 (517–954)
IV	31 (3)	3932 (1.3)	46 (34–54)	772 (575–920)
Not applicable	640 (66)	80,553 (27.3)	40 (27–51)	637 (444–820)
Facility location ^b				
Metropolitan	404 (42)	194,155 (65.7)	30 (21–42)	497 (323–696)
Suburban	383 (40)	75,917 (25.7)	41 (27–51)	642 (429–828)
Rural	179 (18)	25,224 (8.6)	41 (28–57)	653 (453–892)
Census region				
Northeast	242 (25)	75,295 (25.5)	32 (22–45)	516 (343–719)
Midwest	264 (27)	59,820 (20.2)	39 (26–51)	639 (416–849)
South	304 (32)	126,874 (43.0)	30 (22–44)	510 (343–716)
West	150 (16)	32,791 (11.3)	33 (22–47)	575 (374–801)
Average monthly examinations				
0–100	948 (98.1)	208,908 (70.7)	37 (25–50)	600 (396–818)
101–200	15 (1.6)	63,447 (21.5)	26 (18–34)	443 (286–612)
201–300	2 (0.2)	10,403 (3.5)	24 (17–29)	387 (258–491)
>300	1 (0.1)	12,538 (4.3)	27 (22–38)	446 (334–637)

Note:—mGy indicates that 1 gray is 1 joule of radiation energy per 1 kg of matter.

^a Percentages for age and sex categories do not add up to 100% because a facility can have examinations from >1 age group and sex.

^b $P < .0001$ for comparison of median CTDI_{vol} among categories for each variable.



ON-LINE FIGURE. Boxplot distribution of CTDI_{vol} for each age category by hospital type: 0–2 years (A), 3–6 years (B), 7–11 years (C), 11–14 years (D), 15–18 years (E). The horizontal line represents the overall median CTDI_{vol} for all examinations in the age category. For each box, the horizontal line represents the hospital median CTDI_{vol} and the dot represents the mean CTDI_{vol}; the upper and lower edges of the box represent the upper and lower quartiles, respectively. The number of examinations for each hospital type (N) and the median CTDI_{vol} (Q2) are provided in the Table above the boxplots.