

**Appendix 1 (as supplied by the authors): Impact of the Low Risk Ankle Rule on ankle radiography, length of stay, patient and physician satisfaction by Site Type**

	PHASE 1 (week 1-26)		PHASE 2 (week 27-52)		PHASE 3 (week 53-78)			
OUTCOME	Pediatric Intervention	Pediatric Control	Pediatric Intervention	Pediatric Control	Pediatric Intervention	Pediatric Control	Between Group Differences Phase 1 to Phase 2, % (95% CI)§	Between Group Differences Phase 1 to Phase 3, % (95% CI)§
Ankle X-rays, % imaged (n/N)	97.7 (130/133)	87.1 (264/303)	69.5 (79/82)	84.8 (173/204)	70.2 (80/114)	84.3 (226/268)	-22.9 (-34.9, -11.1)	-21.7 (-33.6, -9.8)
Median Length of Stay, hours (IQR)	2.5 (1.7, 3.4)	3.1 (2.2, 4.5)	2.3 (1.5, 3.4)	2.7 (2.0, 3.9)	2.5 (1.9, 3.7)	2.8 (1.9, 3.7)	0.2 (-0.7, 1.2)	0.3 (-0.6, 1.3)
Patient Satisfaction,‡ % very/ satisfied (n/N)	79.5 (66/83)	81.5 (119/146)	90.1 (64/71)	90.3 (65/72)	92.9 (78/84)	94.6 (123/130)	2.9 (-32.2, 37.9)	4.9 (-24.5, 24.3)
Physician Satisfaction,† % very/satisfied (n/N)	96.7 (89/92)	N/A	97.9 (46/47)	N/A	100 (54/54)	N/A	4.9† (-6.7, 9.7)	1.5† (-6.8, 16.4)
	General Intervention	General Control	General Intervention	General Control	General Intervention	General Control	Between Group Differences Phase 1 to Phase 2, % (95% CI)§	Between Group Differences Phase 1 to Phase 3, % (95% CI)§
Ankle X-rays, % imaged (n/N)	92.6 (138/149)	97.1 (67/69)	72.7 (64/88)	100 (41/41)	73.0 (81/111)	95.5 (21/22)	-24.1 (-38.6, -9.5)	-30.1 (-42.1, -18.0)
Median Length of Stay, hours (IQR)	1.8 (1.3, 2.7)	2.4 (1.5, 3.5)	1.8 (1.3, 2.6)	2.5 (1.7, 3.7)	1.9 (1.3, 2.7)	2.3 (1.4, 4.0)	-0.2 (-1.3, 0.8)	0.7 (-0.5, 1.9)
Patient Satisfaction,‡ % very/ satisfied (n/N)	92.3 (96/104)	89.1 (49/55)	87.7 (50/57)	92.9 (26/28)	89.7 (70/78)	88.9 (8/9)	-14.6 (-29.1, 0.5)	1.9 (-15.1, 18.9)

<b>Physician Satisfaction, † % very/satisfied (n/N)</b>	85.5 (71/83)	N/A	94.4 (51/54)	N/A	96.0 (48/50)	N/A	1.6† (-31.7, 0.9)	9.1† (-31.0, 12.9)
	<b>Community Intervention</b>	<b>Community Control</b>	<b>Community Intervention</b>	<b>Community Control</b>	<b>Community Intervention</b>	<b>Community Control</b>	<b>Between Group Differences Phase 1 to Phase 3, % (95% CI)§</b>	<b>Between Group Differences Phase 1 to Phase 3, % (95% CI)§</b>
<b>Ankle X-rays, % imaged (n/N)</b>	99.3 (144/145)	95.5 (84/88)	76.9 (90/117)	94.7 (36/38)	70.7 (82/116)	100 (42/42)	-21.9 (-35.4, -8.3)	-15.6 (-34.0, 0.8)
<b>Median Length of Stay, hours (IQR)</b>	1.8 (1.1, 2.6)	2.8 (1.7, 3.5)	2.0 (1.2, 2.8)	1.7 (1.2, 2.3)	1.8 (1.2, 2.4)	1.8 (1.0, 2.9)	1.2 (0.3, 2.0)	0.4 (-0.6, 1.5)
<b>Patient Satisfaction, ‡ % very/ satisfied (n/N)</b>	98.1 (103/105)	87.5 (49/56)	82.0 (82/100)	97.1 (33/34)	93.3 (84/90)	92.9 (59/63)	-18.9 (-38.4, 0.7)	-18.6 (-46.4, 0.8)
<b>Physician Satisfaction, † % very/satisfied (n/N)</b>	93.3 (42/45)	N/A	88.5 (23/26)	N/A	100 (21/21)	N/A	-6.5† (-20.7, 7.6)	2.9† (-61.2, 15.4)

§Calculated using interrupted time series with control differences of differences regression model

‡ Patients asked how satisfied they were with care they received in the emergency department ranked as "very satisfied/satisfied/neutral/unsatisfied/very unsatisfied."

†Physicians asked how satisfied they were with care they provided in the emergency department ranked as "very satisfied/satisfied/neutral/unsatisfied/very unsatisfied."