Online Supplement

A national survey of telemedicine use by U.S. emergency departments

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National Emergency Department Inventory



This survey is funded by the R Baby Foundation (www.rbabyfoundation.org) Please find below questions that apply to the year 2016 (either fiscal or calendar year is acceptable). If you are unable to quickly find the precise answer, we welcome your best estimate. We would like to know the following about your hospital: What is the name of your hospital/ED? What is the mailing address of your hospital/ED? 3. In 2016, was your ED open: a. 24 hours/day, 7 days/week? ☐ Yes ☐ No b. 365 days per year? □ Yes □ No If NO to either question, please explain: ___ 4. Please indicate the total number of patient visits at your ED and the 12-month reporting period to which they apply. #ED VISITS 5. Approximate number of visits by children per year: a. Children (e.g., age <18) b. If your ED uses another age to distinguish between children and adults (e.g., age 21 years), and it's difficult to obtain data for age <18, please respond above according to your ED's cut-off. If you have used an age other than <18 years, please specify cut-off here: Age < ____ years 6. For EDs that regularly treat adults: Does your ED have a separate "pediatric ED" (i.e., a dedicated ED area for children only)? ☐ Yes ☐ No ☐ Not applicable (e.g., children's hospital) Do you have identified coordinators for pediatric emergency medicine in your ED? (check all that apply) ☐ Yes, physician coordinator(s)... ☐ Yes, nurse coordinator(s) ☐ Yes, other coordinator(s) (e.g., PA, administrator), please specify: 8. Does your hospital *provide* telemedicine services for patient evaluation?

Yes

No □ Not sure 9. Does your ED receive telemedicine services for patient evaluation? ☐ Yes ☐ No If your ED receives telemedicine services, does your ED utilize telemedicine for: (check all that apply) □ Pediatrics □ Psychiatry □ Dermatology ☐ Transfer coordination ☐ Stroke/Neuro □ Trauma □ Radiology Other: The results from this national survey will be used to upgrade our existing app, EMNet find EROOM. We hope that you can help us with this short/simple survey as we work to bring accurate, beneficial ED information directly to those in need. Please take a moment to send your answers to us in the attached, pre-paid envelope. If you prefer, we also welcome your responses by email (emnet@partners.org) or by fax to 617-724-4050. Another option is to complete this short form online at: https://is.gd/findERnow (please note that the URL is case-sensitive). Phone: 617-724-4069 Carlos Camargo, MD, DrPH. Thank you for your help! Fax: 617-724-4050 Massachusetts General Hospital 125 Nashua Street, Suite 920 emnet@partners.org Carlos Camargo

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Supplemental Table. Characteristics of Non-responding versus Responding Emergency Departments to 2016 NEDI-USA Survey

Characteristics	Non-responders	Responed to NEDI-USA, but	Responded to NEDI-USA
	n=868	incomplete telemedicine use	and completed telemedicine
	n (%)	questions, n=476	use questions
		n (%)	n=4,031
			n (%)
Total visit volume in 2015,	21,573 (7,608-40,150)	32,850 (13,939-55,000)	19,744 (7,300-40,325)
median (IQR)			
Rural	164 (19%)	79 (17%)	1,010 (25%)
Academic	33 (4%)	48 (10%)	181 (4%)
Freestanding	127 (15%)	40 (8%)	442 (11%)
Satellite	49 (6%)	30 (6%)	255 (6%)
Autonomous	78 (9%)	10 (2%)	187 (5%)
Critical access hospital	151 (17%)	68 (14%)	1,111 (28%)

Data source: NEDI-USA 2015. Data are missing for newer EDs (i.e., those that opened after NEDI-USA 2015 database was closed)

Abbreviations: ED, Emergency Department; IQR, Interquartile Range