

Telemedicine and Remote Research Advisory Group: Network Survey

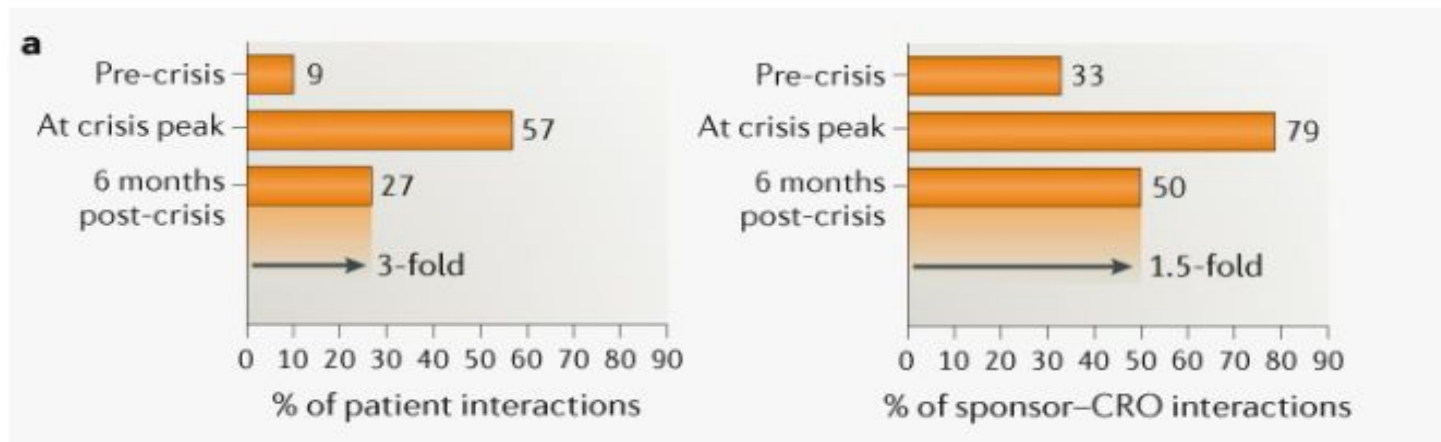
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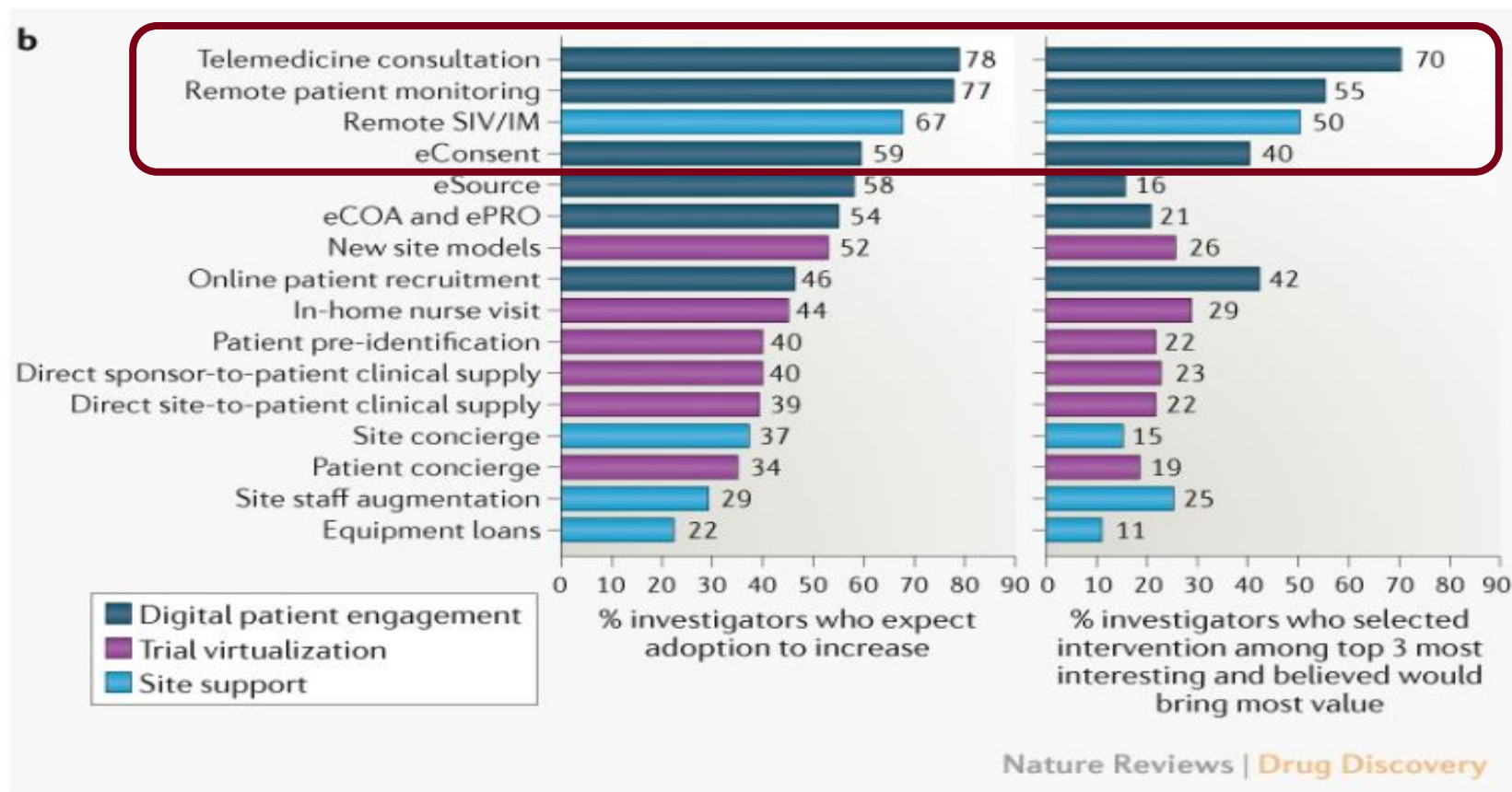
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Pandemic and Clinical Trial Evolution

- The pandemic drove clinical research innovation
 - Widespread engagement or remote research processes and trial digitization
- Remote research practices peaked at the height of the pandemic and are here to stay



Post-Pandemic Opportunity: What Elements Do We Want to Keep?



Remote Processes in StrokeNet

Example: Active eConsent Projects

STUDY	REDCap eConsent
ARCADIA	64 (50%)
ARCADIA-CSI	50 (53%)
ASPIRE	79 (65%)
I-ACQUIRE	5 (36%)
MOST	64 (100%)
SATURN	60 (57%)
SleepSMART	75 (68%)
TOTAL projects	397



Telestroke and Remote Research Practices Advisory Group Rationale

- Formal study of remote research practices is lacking¹
- Remote engagement, trial digitization, and remote research practices can be studied and tested
 - Develop evidence-guided best-practice recommendations
- Reduce the burden of conducting clinical research on patients, clinicians, investigators, and network
- Bring research to communities; enroll a broader cross-section of diverse patients
- **Leverage network-wide clinical trial efficiency into rapid discovery**



Remote Research: Site Efficiency

ID	Screening	Consent	Randomization	Intervention	Inpatient Follow-up	Outpatient Follow-up (30)	Outpatient Follow-up (90)
1		+					
2							
3							
4							
5							
6							
7				+			
8							
9							
10							

Key

In-person successful	In-person unsuccessful	Remote unsuccessful	Remote completed successfully
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Remote Research Infrastructure: Trial Design

Screen	Consent	Randomize	Intervention	Inpatient Follow-up	Outpatient Follow-up	Examples
						Conventional Trial
						DEFUSE 3 - spoke site recruitment
						TIMELESS - spoke site recruitment
				NA		ALPS - outpatient COVID study
		NA	NA			MARISS - observational

In-person

Remote

Remote Research Practices Survey

- Designed to capture the degree of telemedicine and remote research practices currently at all StrokeNet sites (RCCs, satellites, clinical performance sites)
- Important implications for conducting clinical research and clinical trial design
- It should take less than 5-10 minutes

Please fill out the survey: <https://z.umn.edu/SNremotesurvey>



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