

Table 2

Engagement Barriers by Stakeholder Role and Priority Level

Stakeholder Role	Barrier Construct	Priority Level
Medical Staff (Administrators, Internal)	Adaptability, Interoperability, Intervention Source, Resource Availability, Implementation Climate, Accountability, Resources for Intervention, Complexity, Barriers and Needs, Trialability, Client requirements, Reflecting & Evaluating	High (40 - 31)
	Cost, Quality of Design, Security Changes, Leadership Engagement, Organizational Compliance, External change agents, Location, Structural Characteristics, Readiness of Implementation	Medium (30 - 21)
	Regulatory policies & incentives, Engagement, Organizational Culture, Goals and Feedback, Champions, Evidence Strength & Quality, Self-Efficacy, Relative Priority (Security & Privacy), Relative Advantage	Low (20 - 15)
IT Staff (Management, Internal)	Adaptability, Trialability, Complexity, Client requirements, Regulatory policies & incentives, Location, Barriers and Needs, Security Changes, Readiness of Implementation, Relative Priority (Security & Privacy), Resource Availability, Intervention Source, Evidence Strength & Quality	High (12 - 8)
	External change agents, Resources for Intervention, Leadership Engagement, Interoperability, Organizational Compliance, Quality of Design, Reflecting & Evaluating, Cost, Self-Efficacy, Organizational Culture, Implementation Climate, Goals and Feedback, Champions, Accountability, Relative Advantage	Medium (7 - 5)
	Engagement, Structural Characteristics	Low (4 - 2)

Patients (Clients, External)	Interoperability, Complexity, Barriers and Needs, Cost, Adaptability, Location	High (15 – 8)
	Trialability, Client requirements, Self-Efficacy, Regulatory policies & incentives, External change agents, Organizational Compliance, Resource Availability, Relative Priority (Security & Privacy), Accountability	Medium (7 – 3)
	Engagement, Quality of Design, Organizational Culture, Structural Characteristics, Security Changes, Readiness of Implementation, Implementation Climate, Goals and Feedback, Resources for Intervention, Champions, Leadership Engagement, Reflecting & Evaluating, Intervention Source, Evidence Strength & Quality, Relative Advantage	Low (2 – 0)