



A summary of recent Hospital-based Multi-Site user evaluations of iQ Medical PAC Systems

Introduction

From January 2017 to August 2018, iQ Medical has been conducting user evaluations of their IQM STAR Dynamic® PAC systems across 12 Hospital sites in England. Each evaluation used a common format to assess 7 key useability factors: Comfort, Noise Levels, Ease of Set-Up, Clarity of Instructions and Controls, Ease of Cleaning, Patient Access and Patient Repositioning. The results of these evaluations have been amalgamated and consolidated into a single, multi-site report, with over 1,100 individual assessments.

Methodology

Following introduction of the PAC system into a Hospital Ward, all staff were fully trained on the functionality of the system. A paper-based reporting system was then used to capture users' perceptions, using a 5-point scale from Strongly Agree, Somewhat Agree, Neither Agree nor Disagree, Somewhat Disagree to Strongly Disagree, of how the PAC system performed in relation to the following statements:

COMFORT: The PAC system provides a high level of comfort for the patient.

NOISE: The PAC system has a low noise level reducing patient disturbance, especially at night

SET-UP: The PAC system is easy to set up

CONTROLS: The PAC system has easily understood instructions and controls

CLEANING: The PAC system is easy to clean and prep for re-use

ACCESS: It is easy of the patient to get into and out of bed with the PAC system in place

REPOSITIONING: The PAC system allows easy repositioning of the patient in bed

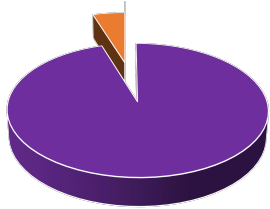
Results

A total of 146 evaluation forms, with most completing all 7 individual assessments (some sites had reduced responses as users were not responsible for cleaning or set-up in some situations) were received back between Apr 2017 and Sep 2018, from 12 NHS Hospital Trusts. The OVERALL response to the statements posed was very positive. The table below shows that, out of a total of **1,115 useability questions** asked, **91.7%** of users either STRONGLY AGREED or SOMEWHAT AGREED with the statements made on the IQM STAR Dynamic® system performance. Very few – only 5 (0.4%) out of all statements - were disagreed with.

SITE REFERENCE	Site 1	Site 2	Site 3	Site 4	Site 5	Site 6	Site 7	Site 8	Site 9	Site 10	Site 11	Site 12	Total
INDIVIDUAL ASSESSMENTS	97	108	105	91	119	98	98	56	63	84	84	112	1115
OVERALL PERCEPTIONS													
N/A	8	4	1	1	2	5	0	0	0	0	0	6	27
Strongly Agree/Somewhat Agree	73	102	102	90	116	90	83	55	63	75	69	105	1023
Neither Agree Nor Disagree	14	2	2	0	1	2	14	1	0	9	14	1	60
Completely Disagree/Somewhat Disagree	2	0	0	0	0	1	1	0	0	0	1	0	5
% OF TOTAL													
N/A	8%	4%	1%	1%	2%	5%	0%	0%	0%	0%	0%	5%	2.4%
Strongly Agree/Somewhat Agree	75%	94%	97%	99%	97%	92%	85%	98%	100%	89%	82%	94%	91.7%
Neither Agree Nor Disagree	14%	2%	2%	0%	1%	2%	14%	2%	0%	11%	17%	1%	5.4%
Completely Disagree/Somewhat Disagree	2%	0%	0%	0%	0%	1%	1%	0%	0%	0%	1%	0%	0.4%

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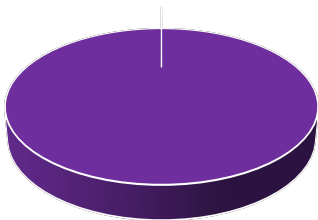
PATIENT COMFORT



PATIENT COMFORT

159 users responded to this question (excl N/A)
94% **AGREED** that a high level of comfort provided
6% neither agreed nor disagreed
0% did not agree with the statement

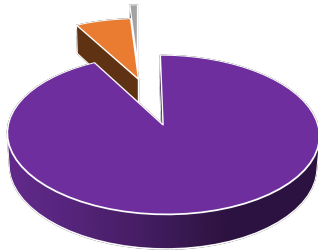
LOW NOISE



LOW NOISE / LESS SLEEP DISTURBANCE

161 users responded to this question (excl N/A)
99% **AGREED** that there was low noise
1% neither agreed nor disagreed
0% did not agree with the statement

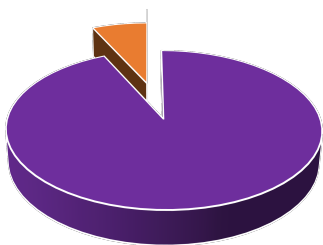
EASE OF PATIENT ACCESS



EASE OF PATIENT ACCESS IN/OUT OF BED

157 users responded to this question (excl N/A)
92% **AGREED** that patient access was easy
8% neither agreed nor disagreed
1% did not agree with the statement

EASE OF REPOSITIONING



EASE OF REPOSITIONING

159 users responded to this question (excl N/A)
93% **AGREED** that patients were easily repositioned
7% neither agreed nor disagreed
0% did not agree with the statement

iQ Medical would like to thank the staff and Tissue Viability Nurses in the NHS Trusts who provided this information.