

**Supplementary files**

**Table S1: Communication of AKI Warning Stage Test Results for a Child or Young Person by Clinical Pathology Services to Primary Care**

**Table S2: Timeliness in Response to AKI Warning Stage Test Results for a Child or Young Person in Primary Care – Acute Illness and No Acute illness**

**Table S3: Timeliness in Response to AKI Warning Stage Test Results in context of End of Life Care**

**Table S1: Communication of AKI Warning Stage Test Results for a child or young person by Clinical Pathology Services to Primary Care**

	AKI Warning Stage 1			AKI Warning Stage 2			AKI Warning Stage 3		
	Response	Result	Median	Response	Result	Median	Response	Result	Median
<b>Potassium not raised</b>	Non-IC & No C	A	1.5	Non-IC & No C	A	1	Non-IC & No C	A	1
	Non-IC & C	U	7	Non-IC & C	E	2	Non-IC & C	A	1
	Non-IC & M	E	5	Non-IC & M	D	6	Non-IC & M	E	4.5
	IC (Telephone)	E	5.5	IC (Telephone)	A	8	IC (Telephone)	A	9
<b>Mild hyperkalaemia (5.5-5.9 mmol/L)</b>	Non-IC & No C	A	1	Non-IC & No C	A	1	Non-IC & No C	A	1
	Non-IC & C	E	5	Non-IC & C	A	2	Non-IC & C	A	1
	Non-IC & M	E	5.5	Non-IC & M	D	6.5	Non-IC & M	E	3
	IC (Telephone)	A	8	IC (Telephone)	A	8	IC (Telephone)	A	9
<b>Moderate hyperkalaemia (6.0 to 6.4 mmol/L)</b>	Non-IC & No C	A	1	Non-IC & No C	A	1	Non-IC & No C	A	1
	Non-IC & C	A	1.5	Non-IC & C	A	1	Non-IC & C	A	1
	Non-IC & M	E	5	Non-IC & M	E	5	Non-IC & M	A	1.5
	IC (Telephone)	A	9	IC (Telephone)	A	9	IC (Telephone)	A	9

Colour key: RED: Agreement for interruptive communication as an appropriate action, WHITE=No agreement on an appropriate action.

Abbreviations: A=Agreement, IC = interruptive communication, C = comment, D=Disagreement, E=Equivocal, M = email, U=agreement with uncertain benefit.

**Table S2: Timeliness in Response to AKI Warning Stage Test Results for a Child or Young Person in Primary Care – Acute Illness and No Acute illness**

	AKI Warning Stage 1			AKI Warning Stage 2			AKI Warning Stage 3		
	Response	Result	Median	Response	Result	Median	Response	Result	Median
<b>Acute illness</b>	SIA	U	5	SIA	A	8	SIA	Not tested	
	< 6 hours	U	8	< 6 hours	A	7	< 6 hours	Not tested	
	<24 hours	E	7	<24 hours	E	3	<24 hours	Not tested	
	<72 hours	A	1	<72 hours	A	1	<72 hours	Not tested	
<b>No history of acute illness</b>	SIA	E	5	SIA	U	7	SIA	A	9
	< 6 hours	E	6.5	< 6 hours	A	7.5	< 6 hours	E	7
	<24 hours	E	5.5	<24 hours	E	5	<24 hours	A	1
	<72 hours	A	2	<72 hours	A	1	<72 hours	A	1

Colour key: RED: Agreement for seek immediate admission as an appropriate action, ORANGE: Agreement for responding in less than 6 hours is appropriate, WHITE=No agreement on an appropriate action.

Abbreviations: A=Agreement, D=Disagreement, E=Equivocal, SIA=Seek immediate admission, U=agreement with uncertain benefit.

**Table S3: Timeliness in Response to AKI Warning Stage Test Results in context of end of life care for patients with chronic heart failure**

	AKI Warning Stage 1			AKI Warning Stage 2			AKI Warning Stage 3		
	Response	Result	Median	Response	Result	Median	Response	Result	Median
<b>Context of end of life care in patients with chronic heart failure</b>	SIA	E	1	SIA	E	1	SIA	2	E
	< 6 hours	E	5	< 6 hours	E	6	< 6 hours	6.5	E
	<24 hours	E	7	<24 hours	E	6.5	<24 hours	6.5	U
	<72 hours	A	1	<72 hours	A	1	<72 hours	1	A

Colour Key: WHITE=No agreement on an appropriate action.

Abbreviations: A=Agreement, D=Disagreement, E=Equivocal, SIA=Seek immediate admission, U=agreement with uncertain benefit,