Paediatric IV Fluid Audit Improvement Tool

PIVFAIT

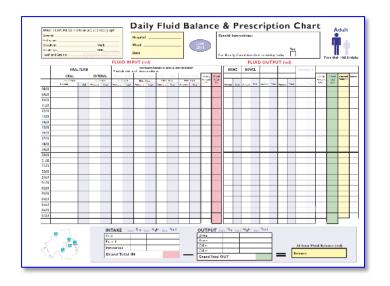
Paula Forrest

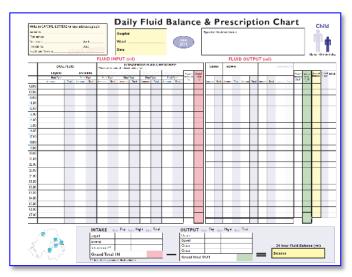
Julian Johnston

Jennifer Lamont

Medical Leaders Forum

♦ Adult and Paediatric chart designed → CMO - April 2012



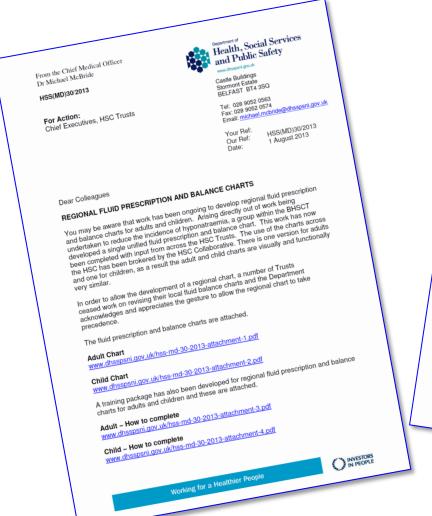


	LD				l	Clinical	signs of dehyd	Iration	Calculation guidance for	intravenous therap	y for children over based on P	4 weeks & under	r 16 years Walkhart for ch	lidren and y	oung people	- May 201
Write in Surname First nan Consulta Hospital	n CAPITA :: nes:		TERS or use	ward: DOB:	Degree Dehydrat Moderate,	5% Dryn Dimir Alter	nished skin turgor (pi	by severity wery in the mouth breather) inch test 1-2 sec) s (drowsiness, irritability)	Record this bolus volume I (m Use only sodium chloride 0.99 For DKA / neonates, use sepa	body weight (kg) x 20 s trauma or DKA x 10 II) in prescription box I 6 - repeat if necessary rate prescription prote) below and identify thi - REASSESS - call for	= = is fluid bolus volume	with letter B	ml ml		
Grand	Yester total in	,	Date nd total or	ıt Balance	Severe, Do not us	Cool Capil Circu	eased peripheral perf imottledipale periphe lary refil time > 2 se alatory collapse an 8% dehydration	eries ¢	REPLACEMENT: REDIST Fluid deficit calculations (i % of delydration — x bo Amount given as fluid bolus w Residual deficit (11 minus 1) Give residual deficit over 48 h	maximum 8%) = D dyweight in kg plume ours (111 divided by 4 Prescribe ti	(8) he calculated Mainten		ds individually	mi mi mi mi ml/hr		
Recer	nt Weig	ht		kg Weighed Estimated		1			Additional ongoing losses Calculate at least every 4 hou Replace lost volume with an e	rs (unless otherwise in	structed)	_		ml		
Date	Time	(k)	/eight Na g) (m	a K Ure mol/L) (mmol/L) (ms	ea Creatin (micror		ucose Chloric mol/L) (mmol/	de Bicarbonate L) (mmol/L)	Second 10kg;	40kg max 2000 mildag, i 4ml/kg/hr 2ml/kg/hr 1ml/kg/hr VIII) ce volume to 2/3 if risk		= VI = VII = VIII = IX high. = IX		mi/hr mi/hr mi/hr mi/hr	ectively)	
Indicati			_	lus volume, Deficit, Or	-going loss valu				* Medicines must be record	led in Drug Kardex		** Model nan	ne, Serial nu	nber.		
	Date	Time	Volume Inf	usion Fluid/Type		Additives	• •	Rate mi/hr Range	Prescriber's Signature	Administered By	Checked By	Batch/Lot No. & Explry Date	Pump Details **	Start		Volum given
			(a)	1											1	
			(a)													
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			6 6 6 0													

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- ♦ Adult and Paediatric chart designed → CMO April 2012
- ❖ Regional charts launched by CMO & CNO August 2013
- CMO MLF Fluid Prescription Chart September 2013

Launched August 2013



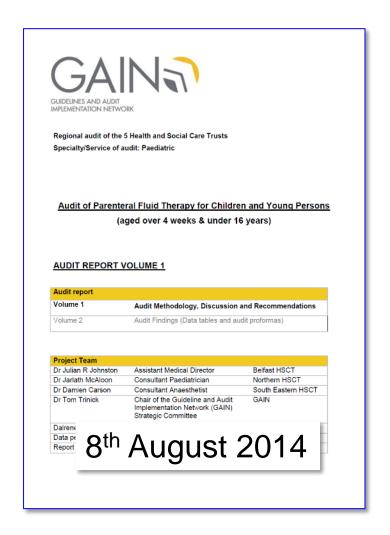
The Department fully supports these developments and strongly encourages the use of The Department fully supports these developments and strongly encourages the use of the control These charts across the HSC. I rust Medical and wurse Directors have also p their support for the use of the regional fluid prescription and balance charts. The use of fluid prescription and balance charts should improve the prescription and The use of fluid prescription and balance charts should improve the prescription and administration of fluids across all settings including when patients move between wards to be a control t administration of fluids across all settings including when patients move between a and HSC Trusts. They also have the potential to help to reduce the incidence of The fluid prescription and balance charts also mean that staff caring for a child The fluor prescription and palance charts also mean that start carried for a child in an adult award will be using a form that looks very similar to the adult form. in an aduit award will be using a form that looks very similar to the adult form. Staff should ensure that the correct chart is used for adults and children in all When prescribing fluids in children the guidance in the wallchart PARENTERAL FLUID THERAPY for CHILDREN & YOUNG PERSONS of the wallchart is also attached. www.dhsspsni.gov.uk/hss-md-30-2013-attachment-5.pdf These materials are available on HSC Trust intranet sites. We would be grateful if you would now take the necessary steps to distribute We would be grateful if you would now take the necessary steps to distribute the charts and make resources available for the training to be delivered in order hudral Mybuch Dr Michael McBride Charlotte Nesbello Chief Medical Officer Mrs Charlotte McArdle Chief Nursing Officer This letter is available on the DHSSPS website at This letter is available on the DHSSP's website at www.dhsspsni.gov.uk/index/phealth/professional/cmo_communications.htm Working for a Healthier People

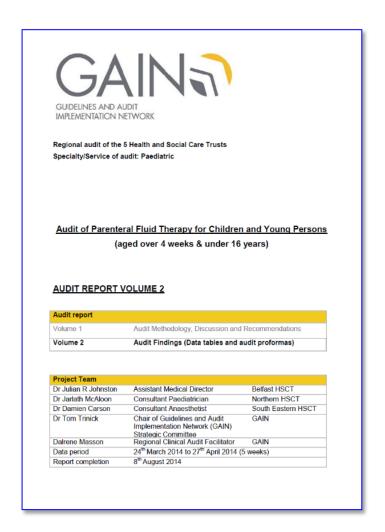
Medical Leaders Forum



The Department has made assurances however to the Inquiry into Hyponatraemia Related Deaths (IHRD) that an audit will interpred as part of the process of assurance that guidance is followed effectively and so it is essential that your group completes its review of the charts by **30 April 2014** in order for the GAIN audit to commence as early as possible this year.



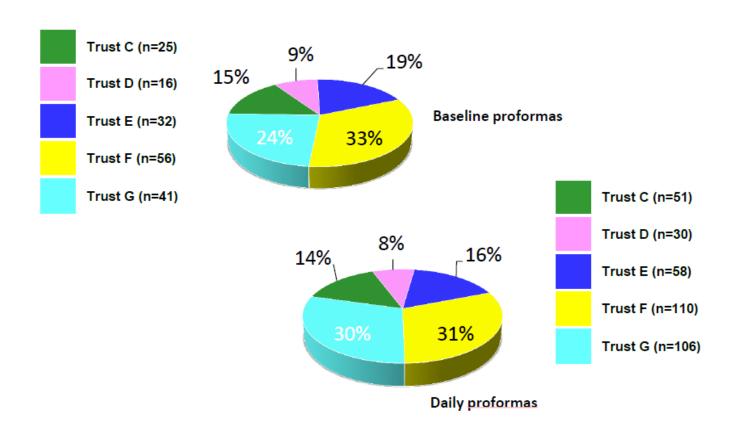




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- ♦ Adult and Paediatric chart designed → CMO April 2012
- * Regional charts launched by CMO & CNO August 2013
- CMO MLF Fluid Prescription Chart September 2013
- CMO MLF GAIN fluid chart audit September 2014

170 children - 5 weeks period March/April 2014



355 Daily FP&B charts

Topic		Compliance %
Patient identification		97
Appropriate Prescription		100
Fluid totaling	Input	76
	Output	65
	Balance	43
Monitoring E&U	Commencement	92
	Throughout	94
	Hyponatraemia	95
Monitoring Blood Glucose	Recording	62
	Recording Rx	poor
Reassessment		92

Primary recommendations

- 1*. Health and Social Care Trusts (HSCTs) must ensure that patients are identified on fluid balance charts, using at least their name, date of birth and hospital identification number.
- 6*. HSCTs must ensure that cumulative totalling of fluid input and output, with the calculation of a 24 hour balance figure, is performed daily.
- 9*. Blood glucose monitoring must be performed on all children as recommended in the Paediatric Wallchart**.
- 10*. Confirmed hypoglycaemia must be treated and a record made of the treatment.

Action Plan

GAIN should:

- Publish this report and seek widespread circulation to all staff involved in administering IV fluids in children.
- Produce a modified and simplified Paediatric IV Fluid Audit Improvement Tool (PIVFAIT)*
 based on the lessons learned from this audit, for internal use in all clinical areas where
 this age group is treated.
 - · Review the PIVFAIT over time and modify it as additional lessons are learned.
 - Highlight to the HSCTs, items that were agreed by the clinical experts to be acceptable
 as standards but which are not yet enshrined in HSCT policy documentation.

HSCTs should:

- Promote the presentation of the key findings of this audit to all relevant staff and ensure the recommendations are implemented.
- Ensure that there is a continuing training programme to ensure staff are trained and up to date in all aspects of fluid therapy.
- Regularly audit practice using the PIVFAIT; forward results to GAIN as requested.

*Paediatric IV Fluid Audit Improvement Tool (PIVFAIT) - monthly audit of

- Patient identification.
- 2. Patient weight.
- 3. Daily fluid balance chart calculation guidance completed.
- 4. Electrolyte monitoring.
- Glucose monitoring.
- 6. Cumulative input and output totalling and Fluid balance.
- 7. 12 hour reassessment.

GAIN Paediatric Fluid Audit 2014 - Volume 1

Page 6 of 29

PIVFAIT - Original

FLUID PRESCRIPTION/BALANCE CHART AUDIT

	Dete				Ward/Dept	1		
	Date			J I	ward/Dept			
\setminus	Is the patient clearly identified on ALL fluid prescription sheets?		Is the U&E documented?	Is the input and output documented accurately?	Has the IV fluid prescription been reviewed 12hrly whilst on IV fluids? (Record 1 if NA)	Was the guidance for intravenous therapy completed?	Was the blood glucose recored?	Full Compliance
				Record Yes-1	No-0			
	1							
	2							
	3							
	1							
!	5							
	5							
	7							
:	3							
	9							
10	0							
	TOTAL AU	JDITS		0		TOTAL CO	OMPLIANCE	

Paediatric IV Fluid Audit Improvement Tool

- PIVFAIT
- Ward based
- Weekly audit by Ward staff.
 - Patient identification.
 - Patient weight.
 - Daily fluid calculation guidance
 - Electrolyte monitoring.
 - Glucose monitoring.
 - Cumulative input and output totalling and Fluid balance.
 - 12 hour reassessment.

PIVFAIT questions - original

Patient identification.

Is the patient clearly identified on ALL fluid prescription charts?

Patient weight.

Is the patient's weight recorded?

Electrolyte monitoring.

Is the U&E recorded?

Cumulative input and output totalling and Fluid balance.

Is the input and output documented accurately?

12 hour reassessment.

Has the IV fluid prescription been reviewed 12hrly whilst on IV fluids? (record 1 if NA)

Daily fluid balance chart calculation guidance completed.

Was the guidance for intravenous therapy completed?

Glucose monitoring.

Was the blood glucose recorded?

PIVFAIT questions - modified

Questions*

1. Patient identification.

Are the following identifiers provided on both sides of the FP&BC?

- i. full name.
- ii. date of birth.
- iii. hospital number?
- 2. Glucose monitoring.

Is there a Blood Glucose result recorded on the FP&BC, in accordance with the Paediatric Therapy Wallchart (May 2014) i. e. at least 12 hourly?

Cumulative input and output totalling and Fluid balance.

Are all of the following amounts (in mls) recorded on the FP&BC?

- i. Day & night totals, (if possible)
- ii. Oral/IV amounts, (if possible)
- iii. Grand Total IN,
- iv. Grand Total OUT,
- v. 24 hour Fluid Balance?
- 4. Patient weight.

Is there a weight, in kgs, given on the FP&BC?

- 5. Daily fluid balance chart calculation guidance completed. *Is the Calculation guidance for IV therapy completed?*
- Electrolyte monitoring.

Is there an Electrolyte and Urea result recorded on the FP&BC, in accordance with the Paediatric Therapy Wallchart (May 2014)?

7. 12 hour reassessment.

Is there a 12 hour Reassessment box completed with an answer to the question "Is the infusion prescription still suitable?" followed by a doctor's signature?

*Based on the recommendations of the

GAIN Audit of Parenteral Fluid Therapy for Children and Young Persons (August 2014) and the

Parenteral Fluid Therapy for children & young people Wallchart (May 2014).

PIVFAIT – first version

FLUID PRESCRIPTION/BALANCE CHART

				Ward/Dept		
1	2	3	4	5	6	7
Patient identification	Glucose Monitoring	Cumulative input and output totalling and Fluid balance.	Patient weight	Daily fluid balance chart caluclation guidance completed.	Electrolyte monitoring	12 hour assessment.
Are all the following identifiers provided on both sides of the FB&PC	i. While the child is receiving IV fluids, is there a Blood Glucose result recorded on the FP&BC,	Are all of the following amounts (in mls) recorded on the FP&BC?	Is there a weight in kgs, given on the FP&BC?	Calculation guidance	Is there an Electrolyte and Urea result recorded on the FP&BC,	When IV fluids are administered for longer than 12 hours,
i. Full Name ii.Date o birth iii.Hospital number	f in accordance with the Paediatric Therapy Wallchart (May 2014) i.e. at least 12 hourly?			for the fluid administration	in accordance with the Paediatric Therapy Wallchart (May 2014)?	is there a 12 hour reassessment box completed with an answer to the question:
	ii. Were there any episodes of Blood Glucose < 3mmo/L? If answer = Yes; enter Hospital Number for audit department to check for treatment.	ii. Oral/IV amounts, (all administered types of intake to be recorded) iii. Grand Total IN iv. Grand Total OUT v. 24 hour Fluid Balance?				Is the infusion prescription still suitable? followed by a doctors signature

Paediatric IV Fluid Audit Improvement Tool

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Obs	Com	Total	Obs	Com	Total	Obs	Com	Total	Obs	Com	Total	Obs	Com	Total
9	9	100	3	2	67	3	2	67	3	2	67	4	3	75
8	5	63	8	8	100	7	4	57	5	4	80	6	6	100
10	8	80	10	7	70	10	7	70	10	10	100	10	10	100
4	0	0	6	5	83	10	8	80	5	4	80	7	7	100
4	4	100	3	2	67	5	5	100	2	2	100	2	1	50
3	3	100	4	4	100	4	2	50	1	1	100	1	1	100
38	29		34	28		30	28		26	23		30	28	
30	23		J -	20		33	20		20	23		30	20	
167	136													
	9 8 10 4 4 3	Obs Com 9 9 8 5 10 8 4 0 4 4 3 3	9 9 100 8 5 63 10 8 80 4 0 0 4 4 100 3 3 100	Obs Com Total Obs 9 9 100 3 8 5 63 8 10 8 80 10 4 0 0 6 4 4 100 3 3 3 100 4	Obs Com Total Obs Com 9 9 100 3 2 8 5 63 8 8 10 8 80 10 7 4 0 0 6 5 4 4 100 3 2 3 3 100 4 4	Obs Com Total Obs Com Total 9 9 100 3 2 67 8 5 63 8 8 100 10 8 80 10 7 70 4 0 0 6 5 83 4 4 100 3 2 67 3 3 100 4 4 100	Obs Com Total Obs Com Total Obs 9 9 100 3 2 67 3 8 5 63 8 8 100 7 10 8 80 10 7 70 10 4 0 0 6 5 83 10 4 4 100 3 2 67 5 3 3 100 4 4 100 4 38 29 34 28 39	Obs Com Total Obs Com Total Obs Com 9 9 100 3 2 67 3 2 8 5 63 8 8 100 7 4 10 8 80 10 7 70 10 7 4 0 0 6 5 83 10 8 4 4 100 3 2 67 5 5 3 3 100 4 4 100 4 2	Obs Com Total Obs Com Total Obs Com Total 9 9 100 3 2 67 3 2 67 8 5 63 8 8 100 7 4 57 10 8 80 10 7 70 10 7 70 4 0 0 6 5 83 10 8 80 4 4 100 3 2 67 5 5 100 3 3 100 4 4 100 4 2 50	Obs Com Total Obs Com Total Obs Com Total Obs 9 9 100 3 2 67 3 2 67 3 8 5 63 8 8 100 7 4 57 5 10 8 80 10 7 70 10 7 70 10 4 0 0 6 5 83 10 8 80 5 4 4 100 3 2 67 5 5 100 2 3 3 100 4 4 100 4 2 50 1	Obs Com Total Obs Com Total Obs Com Total Obs Com 9 9 100 3 2 67 3 2 67 3 2 8 5 63 8 8 100 7 4 57 5 4 10 8 80 10 7 70 10 7 70 10 10 4 0 0 6 5 83 10 8 80 5 4 4 4 100 3 2 67 5 5 100 2 2 3 3 100 4 4 100 4 2 50 1 1 38 29 34 28 39 28 26 23	Obs Com Total Obs Com Total Obs Com Total 9 9 100 3 2 67 3 2 67 3 2 67 8 5 63 8 8 100 7 4 57 5 4 80 10 8 80 10 7 70 10 7 70 10 10 100 4 0 0 6 5 83 10 8 80 5 4 80 4 4 100 3 2 67 5 5 100 2 2 100 3 3 100 4 4 100 4 2 50 1 1 100	Obs Com Total Obs Com Total Obs Com Total Obs Com Total Obs 9 9 100 3 2 67 3 2 67 4 8 5 63 8 8 100 7 4 57 5 4 80 6 10 8 80 10 7 70 10 7 70 10 10 100 10 4 0 0 6 5 83 10 8 80 5 4 80 7 4 4 100 3 2 67 5 5 100 2 2 100 2 3 3 100 4 4 100 4 2 50 1 1 100 1	Obs Com Total Obs Com 9 9 100 3 2 67 3 2 67 4 3 8 5 63 8 8 100 7 4 57 5 4 80 6 6 10 8 80 10 7 70 10 7 70 10 10 100 10 10 4 0 0 6 5 83 10 8 80 5 4 80 7 7 4 4 100 3 2 67 5 5 100 2 2 100 2 1 3 3 100 4 4 100 4 2 50 1 1 100 1<

Paediatric IV Fluid Audit Improvement Tool

Fluid Balance Results for July 2014												
FLUID BALANCE PRESCRIPTION												
CHART	07	.07. [^]	14	14	4.07	.14	2	1.07	.14	28.07.14		
	Obs	Com	Total	Obs	Com	Total	Obs	Com	Total	Obs	Com	Total
Allen Ward	6	6	100	NS	NS	NS	3	3	100	7	3	43
Barbour Ward	6	3	50	6	5	83	5	5	100	10	7	70
Paul Ward	10	10	100	10	10	100	10	10	100	10	10	100
CHU	10	9	90	5	5	100	5	3	60	3	0	0
Belvior Ward	2	2	100	1	0	0	3	3	100	3	0	0
Clarke Clinic	2	2	100	1	1	100	NO	NO	NO	NO	NO	NO
Weekly Total	36	32		23	21		26	24		33	20	

PIVFAIT questions - after NI consultation

Questions*

Patient identification.

Are the following identifiers provided on both sides of the FP&BC?

- i. full name.
- ii. date of birth.
- iii. hospital number?
- Glucose monitoring.

Is there a Blood Glucose result recorded on the FP&BC, in accordance with the Paediatric Therapy Wallchart (May 2014) i. e. at least 12 hourly?

3. Cumulative input and output totalling and Fluid balance.

Are all of the following amounts (in mls) recorded on the FP&BC?

- i. Day & night totals, (if possible)
- ii. Oral/IV amounts, (if possible)
- iii. Grand Total IN.
- iv. Grand Total OUT,
- v. 24 hour Fluid Balance?
- 4. Patient weight.

Is there a weight, in kgs, given on the FP&BC?

- 5. Daily fluid balance chart calculation guidance completed.

 Is the Calculation guidance for IV therapy completed?
- Electrolyte monitoring.

Is there an Electrolyte and Urea result recorded on the FP&BC, in accordance with the Paediatric Therapy Wallchart (May 2014)?

7. 12 hour reassessment.

Is there a 12 hour Reassessment box completed with an answer to the question "Is the infusion prescription still suitable?" followed by a doctor's signature?

*Based on the recommendations of the

GAIN Audit of Parenteral Fluid Therapy for Children and Young Persons (August 2014) and the

Parenteral Fluid Therapy for children & young people Wallchart (May 2014).

Comment [d2]: Not our original audited standard but I believe good to endorse now If all hospitals have a place on both sides of the charts for name etc.

Comment [d3]: ...during the period on IV fluids.

If the fluids come down – we would allow the glucose test to be missed – would we not?

Comment [d4]: I wonder if there should also be a question on the management of hypoglycaemia as that was one of the primary recommendations of improvement needed?

Q. Were all hypoglycaemia episodes treated as per PTW (2014)

Comment [d5]: If possible? - Better

Trusts will have different definitions for what is possible and will mark themselves differently

Comment [d6]: ... for each section that has been actually prescribed on the FPBC?.

e.g. Do we need the calculation to have been done for bolus if a bolus was never given?

Comment [d7]: This could be tricky for a single sample FPBC. Very easy for Trusts to inadvertently mark themselves down here by not having a U and E "recorded" on that particular FPBC when one was not actually needed as the fluids are coming to an end in the morning.

Additional question – if not "recorded" on DFBC audited - was there an acceptable reason for this variance?

Le. was there a previous U and E performed within a suitable time period (4-24 hours) as per the Paediatric Therapy Wallchart Guidance (2014) of the fluids being discontinued?

Comment [d8]: Not necessary if fluids already stopped at 12 hours – acceptable variance.

PIVFAIT questions – after more trialling

Questions*

Patient identification.

- 1. Are all the following patient identifiers provided, on both sides of the DFBC?
 - i. full name.
 - ii. date of birth.
 - iii. hospital number?

Glucose monitoring.

- While the child is receiving IV fluids, is there a Blood Glucose result recorded on the DFBC, (in accordance with the Paediatric Therapy Wallchart (May 2014)) i.e. at least 12 hourly?
- Were there any episodes of Blood Glucose < 3 mmol/L?
 <p>If answer = Yes; enter Hospital Number for audit department to check for treatment.

Cumulative input and output totalling and fluid balance.

- 4. Are all of the following amounts (in mls) recorded on the DFBC?
 - i. Oral/IV amounts, (all administered types of intake to be recorded)
 - ii. Day & night totals, (if child on IV fluids for longer than 12 hours)
 - iii. Grand Total IN,
 - iv. Grand Total OUT.
 - v. 24 hour Fluid Balance?

Patient weight.

5. Is there a patient weight, in kgs, given on the DFBC?

Daily fluid balance chart calculation guidance completed.

- 6. Are the appropriate Calculation guidance sections for IV therapy completed?
- 7. Are there coded indications for the fluid administration provided?

Electrolyte & Urea monitoring.

8. Is there an E&U result recorded on the DFBC, (in accordance with the Paediatric Therapy Wallchart (May 2014))?

If there is an E&U previously performed within a suitable time period (4 -24 hours) of the fluids being discontinued - as per the Paediatric Therapy Wallchart Guidance (2014) – the answer can be recorded as YES.

12 hour reassessment.

9. When IV fluids are administered for longer than 12 hours, is there a 12 hour Reassessment box completed with an answer to the question "Is infusion prescription still suitable?" followed by a doctor's signature?

^{*}Based on the recommendations of the GAIN Audit of Parenteral Fluid Therapy for Children and Young Persons (August 2014)

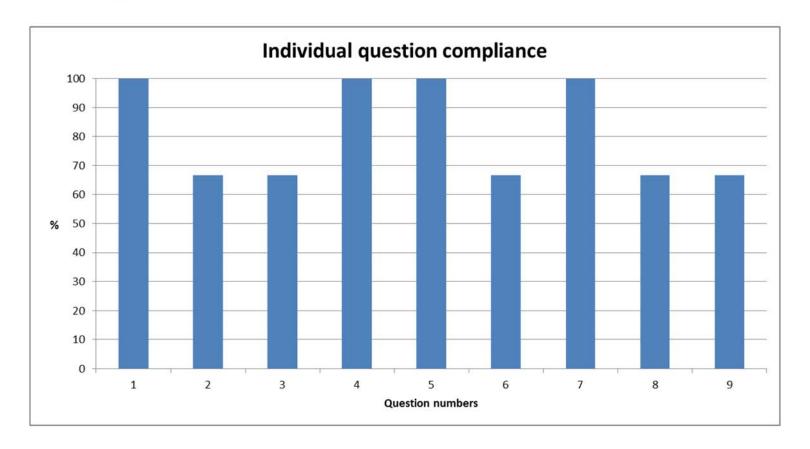
Parenteral Fluid Therapy for children & young people Wallchart (May 2014).

PIVFAIT version v0.10

<u>Paediatric I</u>	ntravenous	Fluid Audit In	<u>mplementati</u>	on Tool	Delete			Chi	in 📥	
	Date			Jan-16		Ward/Dept		Ci		
	1	2	3	4	5	6	7	8	9	
Q	Patient identification	Glucose Monitoring		Cumulative input and output totalling and fluid balance.	Patient weight	DFBC calculation guidance completed		ed. Electrolyte monitoring 12 hour assessmen		
Chart	the DFBC?	While the child is receiving IV fluids, is there a Blood Glucose result recorded on the DFBC, (in accordance with the 2014 Paediatric Therapy Wallchart) i.e. at least 12 hourly?	Were ALL Blood Glucose measurements greater than 3mmol/L? If answer = No; Enter Hospital Number of those below 3mmol/L for audit dept. to check for treatment.	Are all of the following amounts (in mls) recorded on the DFBC? 1. Oral/IV amounts, (all administered types of intake to be recorded). 2. Day and night totals, (if child on IV for longer than 12 hours). 3. Grand Total IN 4. Grand Total OUT 5. 24 hour Fluid Balance	Is there a patient weight in kgs, given on the DFBC?	Are the appropriate calculation guidance sections for the IV therapy completed?	indications for the fluid	result recorded on the DFBC,	Is there a 12 hour Reassessment box* appropriately completed with an answer to the question: Is the infusion prescription still suitable? followed by a doctors signature. * Can be 10 - 14 hours	/o
ភ				R	ecord Yes =	1 , No = 0				
1	1	1	1	1	1	1	1	1	1	10
2	1	1	1	1	1	1	1	1	1	10
3	1	0	0	1	1	0	1	0	0	4
4										
5										
6										
7										(
8										(
9										(
10										(
	Total A	udits = Obs =	3	Paediatric Versio	n V0.10 Septe	mber 2015	To	otal number	fully Compliant = Com =	:
			_				_			
lumber of Charts completed	3			_						
lumber of compliant cases	3					_		_		
	100	67	67	100	100	67	100	67	67	

PIVFAIT version v0.10

January 2016



PIVFAIT version v0.10

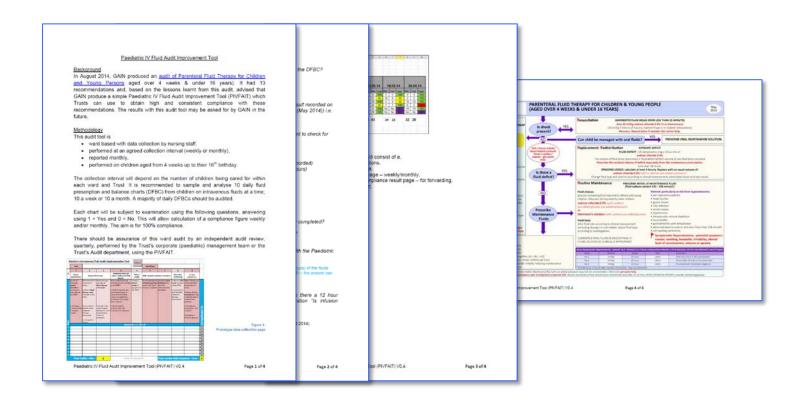
Obs. Com			Patient identification	Glucose Monitoring		Cumulative input and output totalling and fluid balance.	Patient weight	DFBC calculation guidance completed.		Electrolyte monitoring	12 hour assessment.
January 2016	Obs	Com									
Paul 66%	3	2	3	2	2	3	3	2	3	2	2
Barbour 95%	40	38	40	40	40	39	40	40	40	40	39
Belvoir 100%	5	5	5	5	5	5	5	5	5	5	5
CHU 85%	14	12	14	14	14	14	14	14	14	12	13
CCC 100%	2	2	2	2	2	2	2	2	2	2	2
Allen 87%	16	14	16	16	16	14	16	16	16	16	16
TOTAL	80	73 91%	80/100%	79/ 98 %	79/ 98 %	77/96%	80/100%	79/ 98 %	80/ 100 %	77/96%	78/ 97 %

PIVFAIT

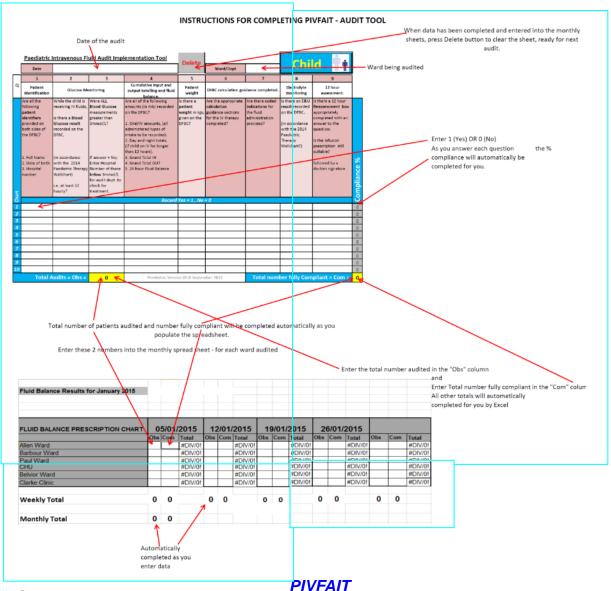
consists of,

- Method and instructions.
- Data collection page.
- Data presentation page weekly/monthly.
- Overall monthly compliance result page
 - for forwarding.
- Paediatric Wallchart.

PIVFAIT - Method and Instructions



PIVFAIT - instructions



07 March 2016

Adult PIVFAIT

<u>/</u>	Adult Intravenous Flu	id Audi	t Implementation Tool			Λ .ll.		
	Date				Ward/Dept	Adul	ן ד	
	1		2	3	4	5	6	Ī
Q	Patient identification	Input ar	nd output amounts and balance.	Hourly cumulative totalling	Patient weight	Previous day's Balance	Indications for fluid administration.	
	identifiers provided on both sides of the DFBC?	recorded 1. Oral/IV of intake 2. Day and (if adult of 3. Grand 4. Grand	on the DFBC? I amounts, (all administered types to be recorded). d night totals, in IV for longer than 12 hours).	are the fluids input and output amounts totalled hourly?	Is there a patient weight in kgs, given on the DFBC?	Is the previous day's balance carried forward?	Are there coded indications for the fluid administration provided?	Compliance %
<u></u> 1				Record Yes = 1 , N	<u> o = 0 </u>	T		
2								0
3								0
4								0
5								0
6								0
7								0
8								0
9 10								0
	Total Audits = Obs =	0	Adult Version V0.2 M	larch 2015	Total	number fully Co	ompliant = Com =	0 0

PIVFAIT

