**Request for Information – Feedback Summary Sheet**

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| **Request made by:** | Claire Horsfield | **Responses to be sent back to:** | Claire.horsfield@lthtr.nhs.uk |
| **Date request made:** | 22/03/2017 | **Date sent out:** | 22/03/2017 |
| **Details of Request:** | * Do your unit record ***cumulative*** as well as 24 hour fluid balance totals every day?
* Does your unit have any guidelines /protocols /principles about what should be included within input and output monitoring –if so please share.
* Does your unit include transducer /pressure monitoring fluid within input volumes? If so, how much per hour?
* Does your unit account for insensible loss within fluid balance totals? If so how much is this or how is it calculated?
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| **No.** | **Response Received From:** | **Details of Response:** |
| 1 | Mandy.Coggon@sfh-tr.nhs.uk | * Do your unit record ***cumulative*** as well as 24 hour fluid balance totals every day?  yes
* Does your unit have any guidelines /protocols /principles about what should be included within input and output monitoring –if so please share. Not officially . we do include everything in output eg blood , NG flush, drugs, picco bolus etc.. and we do try and include everything with output eg weigh stoma bags / pads to get more accurate fluid loss calculation
* Does your unit include transducer /pressure monitoring fluid within input volumes? If so, how much per hour? Yes. 3mls  per device
* Does your unit account for insensible loss within fluid balance totals? If so how much is this or how is it calculated?

No. it is considered by the drs but we don’t officially subtract 1500mls etc from the balance of a pyrexial patient. They will take it into account when prescribing fluid.  Some of the beds have scales on which make it must easier to a assess fluid loss. Ie 1ml = 1 grm |
| 2 | Yardley SorianoICU SisterScarborough Hospital | Scarborough ICU 1. Records cumulative and daily 24 hours fluid balance which starts at midnight
2. **INPUT**:

 IV drugs and flushesArterial and CVP lines : each at 3 ml per hour CrystalloidBlood/ colloidNG FeedNG drugs/ waterTPNOral fluidsOthers like epidural or subcutaneous fluids**OUTPUT**UrineNG output/ vomitusBowels/ StomaChest drainWound drains : redivac/robinson’sHaemofiltration**Total output****Daily Balnce****Cumulative balance**1. Transducers at 3mmHg pressure
2. Insensible losses not included in the list but is considered in the calculation with haemofiltration
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| 3 | Sarah McHenry-Blackpool ITU | We do record cumulative as well as 24 hour fluid balance totals everydayWe don’t have guidelines for what should be includedWe don’t include transducer fluid within input volumesWe don’t account for insensible loss within fluid balance totals(Lianne Harrison) At Blackpool we do record cummulative as well as 24 hour fluid balance every day. Wer do not have a policy of what is to be included. We include all IV medications and fluids, oral and NG fluids, for output we just do urine, NG and drain output then measure if patients have loose stools and have a collection bag on. we do not account for transducer fluid or insensible losses. |
| 4 | Sandy MorrisPractice Educator - Critical Care Aneurin Bevan University Health BoardBlock 10, Royal Gwent Hospital E-mail: sandy.morris@wales.nhs.uk | * Do your unit record ***cumulative*** as well as 24 hour fluid balance totals every day?  YES

 * Does your unit have any guidelines /protocols /principles about what should be included within input and output monitoring –if so please share. NO

 * Does your unit include transducer /pressure monitoring fluid within input volumes? If so, how much per hour?

There is different practices within our organisation – one unit does the other unit doesn’t. The volume recorded is 3ml/hr * Does your unit account for insensible loss within fluid balance totals? If so how much is this or how is it calculated? NO
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| 5 | **Lisa Swan**Matron Critical Care and Pain service**Ext** 3742, **Blp** 4384 | * Do your unit record ***cumulative*** as well as 24 hour fluid balance totals every day? Yes we have this  incorporated into our charts
* Does your unit have any guidelines /protocols /principles about what should be included within input and output monitoring –if so please share. No specific guideline
* Does your unit include transducer /pressure monitoring fluid within input volumes? If so, how much per hour? Yes, we include 3mls / hour for each transduced monitoring
* Does your unit account for insensible loss within fluid balance totals? If so how much is this or how is it calculated? It is considered at 500mls/day but not included in our balance totals
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| 6 | Claire Shaw –Lancaster ITU | As you know at Lancaster we do record insensible loss as part of our fluid balance, which had been  500mls for ventilated patient per 24hrs and 800mls for non-vented patients. I have asked our consultants to discuss this and review these amounts and find any evidence regarding this.  We record cumulative balance every day as well as 24hr balance. Transducer  fluid is not recorded at present. |
| 7 | sally.weston@uhl-tr.nhs.uk | In response to your query, Glenfield Hospital, Leicester (Cardiac, Thoracic and General ITU & ECMO)* Yes we do record a cumulative fluid balance and this is recorded on each daily chart. The consultants are particularly strict that this is completed daily.
* Input includes colloids, crystalloid (infusions, maintenance fluid, bolus fluid). Output includes urine, NG losses, CVVH output, BMS output, vomit, drains,. I am not sure we have specific guidelines/ protocols though?
* We did used to include transducer fluid but we don’t include it anymore. I think the thought was that we don’t include insensible losses such as sweating. Does this make sense?
* I think I have answered the last question in the previous question!

I think it would be quite interesting to know if other units included insensible losses and actually how much does this equate too. Please share if you find out anything  of interest. |
| 8 | Stacey Needham Furness ITU | We do record cumulative as well as 24hr fluid balance totals every day.  We include 3mls/hr per transducers but do not include a figure for insensible loss. |
| 9 | Caroline Myers Sister critical care, Dewsbury District Hospital | we record both 24hr balance from midnight to midnight as well as cumulative balance from admissionwe do not have any set guidlines  but we include everything that is measurableIE fluid from all pumps and drugs, anything put down ng tube,3ml/hr for arteial line 3mls/hr for cvp line all flushes IV or uniary catheter flushing PICCO calibration fluid     , output urine vomit ng aspirate  drains bowlmanagement system UWSD  we do not count insensible loss as it is difficult to calculate |
| 10 | **Andy Jackson****Senior Nurse for ITU, Recovery and Pain Nurse Specialists****01392 402425 (07833 237537 / #6783)** | * Do your unit record ***cumulative*** as well as 24 hour fluid balance totals every day? – Yes (we sue Phillips CareVue which does this)
* Does your unit have any guidelines /protocols /principles about what should be included within input and output monitoring –if so please share. – No, not a formal protocol
* Does your unit include transducer /pressure monitoring fluid within input volumes? If so, how much per hour? – Yes, 3 mls / hour per transducer
* Does your unit account for insensible loss within fluid balance totals? If so how much is this or how is it calculated? – No, but we do enter a daily weight.
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| 11 | Richard MinchinClinical Nurse EducatorICU / HDUNorth Devon District HospitalBarnstaple EX31 4JB  | Do your unit record cumulative as well as 24 hour fluid balance totals every day? Yes - every hour for the sick patients • Does your unit have any guidelines /protocols /principles about what should be included within input and output monitoring –if so please share. Not formal guidelines - but everything in & out including blood, except pressure transducer volumes and insensible loss.• Does your unit include transducer /pressure monitoring fluid within input volumes? If so, how much per hour? See above • Does your unit account for insensible loss within fluid balance totals? If so how much is this or how is it calculated? See above Even though we don't try to numerically "guestimate" insensible loss it would of course be taken into consideration if thought to be excessive. At the end of the day, however, we would base fluid adminidstra\tion on haemodynamic variables. |
| 12 | Carol Howley Cardiac ITU Blackpool | Yes we record cumulative fluid balances hourlyNo we don’t have any guidelines etc about what should be included, our charts differentiate between crystalloid and colloid inputNo we don’t include transducer fluidNo we don’t formally account for insensible loss on the charts |
| 13 | **Kay Miller**Lead NurseCritical CareThe Pennine Acute Hospitals NHS Trusttel:  0161 778 5732email: kay.miller@pat.nhs.uk | We do a cummulaitve balance daily or supposed to.Other than that no to the other questions. |
| 14 | Christopher Hyde-Wyatt Clinical Nurse Educator - ICUScunthorpe General Hospital | * Yes, we do record a cumulative and 24h. fluid balance every day.
* We don't at present have any guidelines as to what should/shouldn't be included in input and output.
* No, we don't include transducer fluid with input.
* No we don't include insensible losses in our fluid balance.
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| 15 | Linda Brennand Critical Care Airedale GH | Yes to number 1 and no to the other 3 |
| 16 | Lisa Lewis (Hywel Dda UHB - Interim Senior Nurse Manager) <Lisa.Lewis3@wales.nhs.uk> | In Hywel Dda UHB, we add in 3mls per hour per transducer /pressure monitoringWe also record cumulative as well as 24 hour fluid balances every day. No we don’t have any guidelinesWe don’t take in to account for insensible loss on our charts.  |
| 17 | Lynda GreenPractice Development SisterITU/HDUHarrogate District Foundation Trust | * We do record cumulative as well as 24 hour balances on our ITU sheets
* We don’t currently have any guidelines/policies
* We do include transducer/pressure monitoring fluid, 3mls/hr for arterial lines and 3mls hour for transduced central lines
* We don’t record insensible losses
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| 18 | Elizabeth DepneringClinical EducatorCritical CareTheatre, Anaesthetics & Critical Care York Teaching Hospital ***NHS*** Foundation Trust | At York we record both daily and cumulative totals. No insensible losses are accounted for.  Generally there is no record of the transducer volume – some staff may include the full bag on the fluid balance when it is changed, but generally as it is impossible to account for flushes, it is not included. All input and output is included (blood transfusions as well).  |
| 19 | Nicky Freeman-FieldingMatron for Critical Care, Surgery Head & NeckLevel 6 Critical Care (Ward A600)Bristol Royal InfirmaryBS1 3NU0117 3427124 / wifi phone Ext 27110Nicola.Freeman-Fielding@UHBristol.nhs.uk | * Do your unit record ***cumulative*** as well as 24 hour fluid balance totals every day? We have an electronic Patient Information System so yes, prior to this we also did a cumulative balance on paper
* Does your unit have any guidelines /protocols /principles about what should be included within input and output monitoring –if so please share. No – we don’t have any written guidelines – basically we include everything – flush bags, blood products, medications
* Does your unit include transducer /pressure monitoring fluid within input volumes? If so, how much per hour? Yes, 3 mls per line per hour
* Does your unit account for insensible loss within fluid balance totals? If so how much is this or how is it calculated? Not in the fluid balance totals – we take this into consideration within discussions or written notes on ward rounds but is not formally counted in the balances.
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| 20 | Samantha OliverMatron ICU/Critical Care/ICNARCSalford Royal NHS Foundation TrustClinical Support Services & Tertiary MedicineCritical Care, Level 3, Hope Building.Stott Lane Salford | We do record hourly fluid balance every hour and then a total 24 hour balance.We record the patients last 48hrs balance on the next days observation chart.We don’t include transducer flush fluid in the fluid balance.We record all drainage as a loss especially on complex surgical patients but not really insensible loss eg sweat but do record,chest drainage, vomit approx volume and type 7 stool collected in a flexiseal/bag.We don’t have any protocols for fluid balance documentation that I know. |
| 21 | Yvonne HelmCritical Care Senior SisterClinical Co-ordinator Procurement LeadQuality Improvement LeadEast Lancashire Hospitals NHS Trust ****: 01254 734207 (Int: 84207) or 83476****:yvonne.helm@elht.nhs.uk | Yes our unit records cumulative balanceNo we don’t particularly have a protocol/guideline regarding what should be includedYes we chart 3ml per hour for transducer fluidsNo we don’t account for insensible loss. |
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