

Wittens fer patients an' thair femmelies, bielders an' guardians

Gettin' a bluid transfusion

Important Wittens fer aa patients wha micht hae need fer a rid cell, platelet ir plasma transfusion

Mair supplementary wittens fer differ bluid pairts, pairticular patient curns an' younger weans can bae gat through yer locail transfusion service.

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This paiper tells fer wie ye micht bae advised tae hae a transfusion o' a bluid component laike rid cells, platelets ir plasma.

Laike aa medical treatments a transfusion shud onie bae gien gif hit's gyely needfu' an' onie efter carefu' thocht. The risk o' gien ye a transfusion wul bae balanced agin the risk o' no gien hit tae ye.

In a hannlin hit micht no hae baen possible tae taak about aa options aa the tim'. Gif thon baes the caase yer dochter wul taak tae ye about the treatment at ye gat as soon as they ir fit tae.

Gif ye hae a caird at saies ye maun hae a pairticular cless o' bluid ir gif ye ken thon fae yer medical history, shew thon caird aa the furst chanst ye get tae yin o' the team leukin efter ye an' get thaim tae tell thon tae the hospital transfusion laboratory.

Fer wie micht A hae need fer a bluid transfusion?

Bluid baes maide ap o' a when o' differ cells an' substances:

- Rid Cells cairt oxygen roun' the boadie, nae haein enugh healthfu' rid cells bes cried Anaemia. Maistly a rid cell transfusion baes gien oan accoot o' no haein enugh rid bluid cells in the bluid accause the boadie dusnae hae the raw materials, isnae maakin enugh o' thaim ir oan accoot o' bluid loass. Baetims anaemia can bae treated wi' medicines laike Iron; in ither case a bluid transfusion micht bae the bes' ir onie treatment tae gie.
- Platelets ir cells in the bluid at stap bleedin' an' heft the bluid tae clot. A platelet transfusin micht bae needfu' tae ris' the nummer o' platelets in yer bluid ir tae tak' the place o' platelets at dinnae waark richt tae treat ir stap bleedin'.
- Plasma baes liquid in bluid at cairrys bluid cells aroun' the boadie. A plasma transfusion micht bae needfu' tae treat ir stap bleedin' gif ye havnae enugh clottin' faictors. Amang plasma pairts ir Fresh Frozen Plasma (FFP) at haes monie differ clottin' faictors an' cryoprecipitate at maistly houl a clottin' faictor cried Fibrinogen.

Maist fowk can loass a middlin' amoont o' bluid wi' oot needin' a bluid transfusion, as, gien tim', the boadie wul maak new bluid cells an' plasma tae mak ap fer quhat wus loast. Hooiniver gif mair bluid

baes loast, a bluid transfusion micht bae the bes' wie tae replace bluid quaak. Bluid pairts micht bae used tae replace bluid loast in baag operations efter miscanthers an' fer hannlins aa childbirth.

Baetims the bane marrow, at maks bluid cells dusnae waark richt. Thon micht bae adae wi' seekness ir oan accoont o' treatments laike chemotherapy ir radiotherapy. Thon micht bae shoart ir langer tim'. In thon caase a treatment plen wul bae wrocht oot tae ansuer yer specific needs.

Baes a bluid transfusion the onie chuse?

Yer dochter ir nurse wul tell ye fer wie a transfusion baes needfu' an' wul gae owre the risks, guid ootcums an gif ither treatments can bae gien. Hit's important fer ye tae unnerstan fer wie a transfusion baes needfu' an' at ye get chansts tae ax onie questions ye hae.

Gif yer Anaemia baes adae wi' laigh levels o' Iron in the bluid gettin' an iron supplement micht enn the need fer a bluid transfusion. Taak tae yer dochter tae fin' oot gif thon baes an option fer ye.

Baein an adult ye hae the richt tae refuse a bluid transfusion bit ye'll need tae unnerstan the ootcums o' daein sae. A when o' differ medical treatments an' operations cannae bae safely carriet oot wi'oot a transfusion. Fer weans an' patients wha fin' hit haird tae unnerstan complex medical wittens, the medical team wul waark wi' the patient an' thair femmelie ir guardian tae mak' decisions in thair bes' intherests.

Gif ye're haein an operation a bluid transfusion micht bae needfu' bit hit wul mebbe bae possible tae recycle yer ain bluid durin' the operation bae a process cried Cell Salvage. Ax yer healthtcare team gif thon baes available an apt in yer caase.

Forebye, medicines tae mak' bluid clottin' betther laike Tranexamic Acid can bae used baetims tae sned bluid loass an' sae reduce the need fer a transfusion.

Quhat can A dae afore an operation tae sned the need fer a bluid transfusion?

Gif hit's plenned fer ye tae hae an operation quhar ye micht loass sim bluid, ye shud hae a check tae wrocht oot gif ye're anaemic. Ye micht bae toul tae tak' Iron supplements fer a when o' sennicht afore yer operation. Ax the dochter aa the clinic ir yer GP gif thon applies tae ye. Ye can heft forebye bae maakin siccar tae eat enugh mait wi' iron in hit. Maistly a balanced diet wul gie ye enugh iron.

Gif ye're taakin Warfarin ir ither anti coagulants, Asperin ir ither antiplatelet agents, (aa o' thon can bae cried "bluid thinnin'" medicines). Ax yer dochter gif ye shud quat thae medicines afore yer operation. Quattin thae drugs micht send the amoont o'bleedin' bit pit ye aa risk o' ither hannlins. Ye maun ax yer dochter afore quattin onie medicine.

Hannlins adae wi' a bluid transfusion

Bluid transfusions ir ivryday procedures at can saive lifs an' mak' thaim betther an' death oan accoont o' a bluid transfusion baes gyely raire. Maist fowk at get a bluid transfusion di nae hae onie hannlins.

Hooiniver thaire ir fowre clesses o' associated risks

Patient Identification Error

Thaire ir monie checks tae mak' siccar at yer transfusion baes saife as possible. Staff cairry oot carefu' identification steps tae mak' siccar at ye get the richt bluid pairts at ir saife fer ye.

Afore a bluid transfusion a bluid sample baes tuk tae match the bluid. Yer identification wittens maun bae pit oan the sample tube in front o' ye. Ye'll bae axed tae confirm yer fu' naime an' date o' birth an' thon wul bae checked agin the identification band, (fer aa hospital patients), request foarm. Thon check baes tae confirm at the sample baes bein' tuk fae the richt boadie.

Wearin' an identification band baes gyely needfu' fer aa patients aboot tae bae gien a bluid transfusion. Jist afore ye're gien the bluid ye'll bae axed agin fer yer naime an' date o' birth. Thon wittens wul bae checked agin yer identification band, bluid pairt bag an' prescription. Infoarm staff gif onie wittens ir spellins oan yer identification band irnae richt.

Richtfu' identification baes crucial – Dinnae houl beck fae minin staff tae ax ye fer thae wittens gif they dinnae dae sae.

Reactions

Maist fowk dinnae feel onie differ durin' thair transfusion. Yer healthtcare team wul tell ye quhat tae expect. Hit's important fer ye tae tell a member o' staff gif ye forder onie symptoms durin' ir efter the transfusion. Sim reactions nicht happen days ir hours laiter oan. Sarious reactions tae transfusions ir gyely scairse bit gif they dae staff hae the trainin' tae recognise an' treat thaim.

Sim fowk nicht get a sma' fever, chills, bae flushed ir hae a rash at baes maistly oan accoont o' a mild immune rection ir allergy. Thon isnae haird tae treat wi' paracetamol ir bae gien the transfusion mair slowly.

The healthtcare team wul access ye forebye tae fin' oot gif ye're aa risk o' a biggin ap o' fluid in yer circulation, sae missures can bae tuk tae stap hit. Ye'll bae monitored durin' transfusion fer onie sign at ye're gettin' hit ticht tae breathe. Thon baes tuk gyely seriously sae ye shud speak ap aa yinst gif ye fin' yersel gettin' hit ticht ettlin tae breathe sae treatment can bae gien.

Gif ye're fer hame efter yer transfusion ax yer healthcare team fer wittens aboot quhat tae leuk oot fer an' wha tae get oantae fer hefts an' advice gif ye forder onie symptoms.

Infection

Bluid pairts ir gien bae healthfu' volunteers wha irnae paid an' the chanst o' an infected unit gettin' intae the UK bluid supply baes gyely wee. Giers fill oot a healtht speirin paiper ivry tim' they donate an' bluid donations ir tested ivry tim' fer a when o' infections amang thaim Hepatitis B, C an E an' HIV. Thon maks the chanst o' transmittin' onie infection gyely sma, bit risk cannae iver bae tuk awa aa thegither.

- The risk o' tests no finnin a bluid unit cairryin a significant viral infection baes unner 1 in a million (Hepatitis B unner 1 in a million; HIV an' Hepatitis C unner 1 in 10 million)
- The chanst o' gettin' varient Cruetzfeldt-Jakob Disease (v CJD) fae a transfusion baes gyely sma'; fer aa tha' we dinnae uise donors at nicht bae aa a heigher risk o' v CJD. **Oan accoont o' thon onieboadie at gat a bluid transfusion ir onie ither bluid pairt sine 19&80 cannae donate bluid ir bluid pairts.**

- Bacteria cud contaminate rid cells an' ither pairts o' bluid. Thon cud hae a waefu ootcum fer patients gien contaminated units. We waark haard tae stap thon an' the risks ir noo mich the saime es fer the ither seeknesses in the leet abeen.

Hannlins adae wi' lang tim' transfusion

Sim patients hae tae hae transfusions fer lang periods o' tim'. Thon maun tak' in patients wi' Thalassaemia, Sickle Cell Seekness ir bane marrow failure. Oangaein transfusions can mak' patients mair apt tae hae complications laike iron overload an' antiboadie forderin. Yer medical team can gie wittens aboot sneddin the risks an' onie treatments tae bae gat.

Can A gie mae bluid fer mae wean ir freen?

No' ye cannae, accause thaire ir pairticular risks adae wi' bluid transfusions fae freens at mak' sich donations mair dangerous nor gettin' bluid fae simboadie ye irnae sib tae.

Consairns onie adae wi' ye

Yer healthtcare team shud taak tae ye aboot onie ither risks ir consairns at ir important pairticularly tae ye.

Amang thaim nicht bae:

- Impect oan yer healtht hannlins.
- Impect oan chuses fer treatment in tims tae cum.
- Fear o' needles, bein' feart o' the sicht o' bluid ir haein haed a bad experience afore wi' a bluid transfusion.
- Yer healthtcare team haein recommended special bluid pairts based oan a when o' differ factors adae wi' yer treatment ir condition.

[Speech bubble 1] "Quhat ir the guid ootcums o' mae transfusion?"

[Speech bubble 2] "Quhat ir the risks o' mae transfusion?"

[Speech bubble 3] "Onie ither treatments A can try?"

[Speech bubble 4] "Quhat gif A dae naething?"

Afore ye 'gree tae a transfusion **dae ye unnerstan fer wie ye're needin' hit?** An can ye ansuer thae questions?

Tell yer healthtcare team aboot onie consairns ye nicht hae. Hit's important tae shaire thae worries ir consairns; they wulnae think at thae fears irnae important.

Duty o' Candour

The UK Bluid Transfusion Services comply wi' Duty o' Candour laa. Thon means at we wul ect in an appen an' transparent wie quhar a thing happens at wusnae expected an' wusnae intended, at mebbe wus the cause o' haimr ir death directly adae wi' transfusion. Ax yer healthtcare team fer mair wittens ir gae tae the follaein wabsteid

-duty of candour – gov.uk (www.gov.uk)

Get oantae iz

This leaflet wus maide bae the UK an' Airlan Bluid Transfusion Netwaark oan bae hauf o' the 4 UK bluid services. Gif ye need the leaflets in a differ format ir ye're wantin' tae ordair mair get oantae:

Inglan

Fer reordairin

<http://hospital.nhsbtleaflets.co.uk>

Fer differ format

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