

Transfer & Escort of Patients Policy

# Excluding Maternity (see Section 17 of Delivery Suite Guidelines) and Neonates (see Chapter 16 of the Neonatal Handbook available on the trust intranet).

The Trust strives to ensure equality of opportunity for all, both as a major employer and as a provider of health care. This procedural document has been equality impact assessed to ensure fairness and consistency for all those covered by it regardless of their individual differences and the results are shown in Appendix H.

shown in Appendix H.					
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### **Contents**

Parag	raph	Page
	Executive Summary	3
1	Introduction	3
2	Purpose	3
3	Definitions	4
4	Scope	5
5	Roles and responsibilities	5
6	Process	6
	6.1 Escorts	6
	6.2 Preparation for Transfer	7
	6.3 Documentation to accompany the Patient when being transferred	8
	6.4 During the Transfer	8
	6.5 On Arrival at destination	9
	6.6 External Transfers/Discharge to an external care environment	9
	6.7 Special Considerations	10
	6.8 Process for Out of Hours	10
7	Dissemination and Implementation	10
8	Monitoring compliance	10
9	Associated documents	13
10	References	13
Apper	ndices	
A	Table of level of care and Escort Requirement	14
В	Patient transfer checklist	15
С	General Intensive Care Transfer Form	16-19
D	Neuro Intensive Care Transfer Form	20-23
Е	Cardiac Intensive Care Transfer Form	
F	Paediatric Intensive Care Transfer Form	
G	Audit tool for patient transfers	
Н	EIA Assessment Forms	
	Checklist for the Approval of the Transfer Policy	

### **Executive Summary**

The policy has been created to provide a standardised framework for all staff involved in the transfer and escort of all patients both between departments in the Trust and to other hospitals or care facilities.

St Georges Healthcare NHS Trust reminds all Trust staff that that there is a shared responsibility for NHS patients. The Trust is committed to ensure the safe and timely transfer of all patients both within the hospital and community settings.

This policy draws on the fundamental importance of partnership between patients, carers and healthcare professionals when planning a safe and timely transfer.

#### Introduction

Transfer planning is an integral part of a patient-centred quality approach to care. St Georges NHS Trust is committed to ensuring an effective system is in place to support the safe transfer of patients.

The Trust recognises that there is a requirement to transfer patients across the Trust. Care needs of patients change constantly and therefore it is often necessary to transfer patients to clinical care settings that will provide the most appropriate expertise and care delivery.

The Patient Transfer & Escort Policy aims to facilitate the safe, timely and coordinated transfer of patients, between wards and departments and transfers external to St Georges Healthcare NHS Trust. This will minimise risk and standardise the transfer process providing guidance to staff when transfer planning.

### 1. Purpose

The purpose of this policy is to provide a standard Trust-wide procedure that will ensure the safe transfer of all patients both internally and externally. The level of escort provision that is necessary for effective risk management and the care of patients is also defined in this policy.

The policy aims to ensure that:

- Patients are transferred safely and efficiently to the required destination
- There is clear ownership, roles and responsibilities in relation to patient transfer
- Transfer practices are standardised.
- The appropriate mode of transport is used to ensure the safest and most appropriate transfer for the patient e.g. car/ambulance.
- The patient is treated as an individual during their transfer from one setting to another

#### 3. Definitions

For the purpose of this policy the following definitions are used:-

**The Trust**: refers to the acute Hospital; outpatient services; Offender Healthcare; Community Hospitals and all other locations registered with the Care Quality Commission that provide regulated activities for the trust.

**Transfer**: refers to the process and systems required to ensure the safe movement of any patient from a ward or department to a different area.

**Transport**: refers to the movement of any patient from one place to another.

**Escort:** any member of staff who is accompanying patients during their transfer to provide on-going care. The escort will have the relevant knowledge and skills to provide a high standard of care during the transfer, to ensure patient safety is not compromised. An escort can be:

- Registered professionals, doctors, registered nurses and midwives, operating department practitioners
- Non registered professionals, healthcare assistants, other clinical support workers and porters.

**Internal hospital transfer**: the movement of patients between departments or clinical areas for the purposes of treatment, investigation or admission within St Georges Healthcare NHS Trust.

**External hospital transfer**: the movement of patients to hospitals or care facilities outside St George's Healthcare NHS Trust where the duty of care is handed over to another for the purposes of treatment, investigation or admission. This should not be confused with a discharge, where the duty of care is discharged to another environment, although the principles are similar.

Out of Hours: a transfer that occurs between 22.00 hours and 08.00 hours.

**Qualified Healthcare Professional**: any healthcare provider that holds a professional qualification e.g. doctor, nurse, physiotherapist, radiographer etc.

**SBAR:** A tool used to improve communication. It consists of standardised prompt questions within 4 headings and provides a structured framework in a concise and organised format.

- Situation
- Background
- Assessment
- Recommendation

For more information on SBAR please see the Clinical Handover Policy and for Paediatric SBAR see the Paediatric Observations Policy.

**Levels of care**: these are defined in this policy using the table in Appendix A adapted from the Intensive Care Society (2009), The Shelford Group Safer Nursing Care Tool (2013) and the Paediatric Intensive Care Society (2010).

**Internal Transfers:** Internal transfers normally take place between 08.00 hours and 22.00 hours. No internal transfers should take place after 2200hrs, unless the Site Manager feels that the transfer is absolutely essential. The exception to the above will be the transfer of patients from the A&E department or the acute medical unit to a suitable ward bed. When transfers are necessary to safeguard emergency or specialist beds or to ensure specialist care they are coordinated by the Site Manager in liaison with the nurse in charge of the ward and the medical teams.

### 4. Scope

The Patient Transfer and Escort Policy applies to all situations where a patient, (excluding maternity and neonates) is being moved from one ward or department to another internally and those that are being transferred to another healthcare facility or destination, external to the Trust. For Maternity see Section 17 of Delivery Suite Guidelines and Neonates see Chapter 16 of the Neonatal Handbook available on the trust intranet.

This policy applies to all staff (temporary or permanent) working in all the locations registered by St George's Healthcare NHS Trust with the Care Quality Commission, to provide its regulated activities.

### 5. Roles and Responsibilities

#### 5.1 Chief Executive Officer

The Chief Executive has overall accountability for ensuring that the Trust meets its strategic and operational obligations in respect of maintaining safe processes for the safe transfer of patients. The Chief Executive devolves the responsibility for monitoring and compliance to the Medical and Executive Nursing Directors.

### **5.2 Chief Nurse and Director of Operations**

The Chief Nurse and Director of Operations has executive responsibility to ensure the policy is implemented across the Trust with satisfactory monitoring and compliance systems in place and advises the Board of any significant incidents that arise from patient transfer.

### **5.3 Medical Director**

The Medical Director is responsible for:

- ensuring that medical personnel are aware of and adhere to this policy
- that clinical incidents arising from inappropriate transfer are investigated

# 5.4 Divisional Directors of Nursing and Governance / Divisional Directors of Operations

Responsible for implementing the policy within the Divisions and for monitoring compliance. To ensure bed allocation happens in a timely way and as early in the day as possible.

### 5.5 Head of Patient Safety

Identify patient issues arising from patient transfer and ensure appropriate investigations are undertaken.

### 5.6 Bed/ Site Managers

To ensure a safe and timely transfer of the patient. To ensure patients are not transferred between wards, unless clinically indicated, after 22:30hrs.

#### 5.7 Medical Staff

- To ensure the patients are accurately assessed as safe for transfer and have the final decision as to whether the patient's condition is stable and suitable for transfer, whether it is internal or external to the Trust.
- To ensure that a suitably experienced doctor will accompany the patient when appropriate.
- To report clinical incidents in accordance with the Adverse Incident Reporting Policy.

### 5.8 Heads of Nursing/Matrons/Ward Managers

- Ensuring that all patients under their care are transported in a safe and timely manner in accordance with this policy.
- Their teams are aware of the requirements of this policy.
- Ensuring there are operational systems in place within their teams to fulfil the requirements of this policy at local level.
- Leading in resolving patient transfer issues at a local level and ensuring lessons learned across divisions, by representation at the Divisional Governance Committees and the Matron's forum chaired by the Deputy Chief Nurse.
- **5.9 Qualified Healthcare Professionals** are responsible for ensuring that they have followed the procedures outlined in this policy.

**5.10 HCA's, Porters, and assistants to allied healthcare professionals** are responsible for ensuring that this policy is adhered to when transferring a patient.

### 6. PROCESS

### **Transfer of Patients**

### 6.1 Escorts

- 6.1.1 The registered nurse responsible for the patient's care or the nurse in charge of the ward will assess if an escort is required using the Levels of care table (appendix A) and record the requirement in the patient's medical notes.
- 6.1.2 The escort identified using the Levels of care table (appendix A) must be suitably experienced in transferring patients and know how to summon assistance if required (please refer to the Cardiopulmonary Resuscitation Policy). The Levels of care table (appendix A) should not replace clinical judgement.
- 6.1.3 Porters will support the transfer process. Porters will need to be booked via the Tele Tracking System. The patient must be ready for transfer at time of booking. All relevant information such as bed, chair, oxygen need etc. must be detailed. Porters will wait for up to 10 minutes to transfer the patient, after this time the porter will rebook the transfer on Tele Tracking to avoid transfer delays for other patients, unless the situation is life threatening.

- 6.1.4 The staff member acting as an escort will:
  - Be competent to use any equipment that is being transferred with the patient and ensure it has sufficient battery life for the period of the transfer.
  - Ensure the patient is adequately clothed or wrapped for the journey and will ensure patient dignity during the transfer at all times.
  - When necessary the escort should politely request the public to vacate the lifts, for patient use.
  - During hot weather consider if a drink is required.
  - Utilise the appropriate mode of transport (walking, wheelchair, bed, ambulance etc.)
  - Ensure bed rails (or equivalent) are up and locked in position. If the patient is in a chair, ensure that the patient's feet are on the stand. The appropriate manual handling techniques (please refer to the Manual Handling Policy) will be used for patient transfer.
  - Secure all equipment, invasive lines and catheters to avoid unintentional disconnection.
  - Remain with the patient throughout the transfer until patient returns to the clinical area, unless the patient is going to theatre for surgery when the duty of care and responsibility will be handed over to qualified theatre staff.
  - Regularly check that patient's condition remains unchanged and if there is deterioration in patients' condition summon assistance.
  - Ensure all equipment and monitoring devices are functioning and not resting on the patient but attached to stands on the bed/trolley
- 6.1.5 Standard infection control precautions must be adhered to during transfer (refer to Infection Control Policy).
- 6.1.6 In offender health a risk assessment of the prisoner, the level of restraint and the area the prisoner is going to must be completed to support the safety of staff (officers and other areas staff), the public, visitors and that prisoner prior to transfer.

### **6.2 Preparation for Transfer**

- 6.2.1 There must be adequate and effective communication between the transferring ward/department and the receiving ward/department.
- 6.2.2 The nurse in charge of the patient's care on the transferring ward must provide a telephone handover to the receiving ward/department nurse if not accompanying the patient (see the Clinical Handover Policy).
- 6.2.3 Nurse in charge will confirm that the receiving ward/department are ready to accept patient and he/she will inform nursing staff of any specific equipment required to enable timely preparation to receive patient.
- 6.2.4 Assess transfer equipment requirements to meet patients' individual clinical need for Level 2 & 3 patients (see appendix C, D, E, F for specific guidance on forms for individual critical care areas). These must be fully completed by the team caring for the patient prior to and during transfer.
- 6.2.5 Patients will be informed at the earliest opportunity of the need for a transfer. The purpose of the transfer will also be explained. The patient's next of kin should be informed of all planned transfers, following discussion and consent of the patient and this should be clearly documented in nursing notes.

6.2.6 The registered nurse is responsible for deciding if the patient requires pressure relieving equipment during the transfer and ensuring the receiving destination is aware of the need to have the appropriate mattress available.

#### 6.3 Documentation

6.3.1 The nurse in charge is responsible for ensuring that all appropriate records accompany the patient. All documentation must be updated and accurate prior to transfer.

Documentation listed in the checklist (Appendix B) must accompany the patient.

### 6.4 During the Transfer

6.4.1 For transfer of Level 0 and 1 patients, continue observations as required and monitor any changes in the patient's condition.

For transfer of Level 2/3 patients, the standard of care and monitoring during transport should be comparative to standards in St George's level 2/3 facilities. This includes the monitoring and recording of observations, safe management of any medicines required by the patient and liaison with the patient or other healthcare professionals and the completion of the SGH critical care transfer form (see appendix C, D, E, F for specific guidance on forms for individual critical care areas).

Temperature should be a standard monitoring process for transfer of a patient whose temperature is being managed i.e. being actively cooled or warmed.

- 6.4.2 The **minimum** standards required for Level 2 and above patients are:
  - Continuous presence of appropriately trained staff
  - ECG monitoring
  - Non-invasive blood pressure.
  - Respiratory rate
  - Arterial oxygen saturation (SaO<sub>2</sub>)
  - End tidal carbon dioxide (EtCO<sub>2</sub>) in ventilated patients
  - Sedation score or GCS
  - Temperature should be a standard monitoring process for transfer of a patient whose temperature is being managed i.e. being actively cooled or warmed.

### 6.4.3 **Equipment**

- All equipment must have alarms with set parameters and must be recorded using relevant documentation.
- Electrical equipment used must be designed to function on battery when not plugged into the mains and be fully charged.
- Alarms will be visible as well as audible in view of extraneous noise levels.
- Portable mechanical ventilators will have as a minimum disconnection and high pressure alarms, the ability to supply positive end expiratory pressure (PEEP), variable inspired oxygen concentration (FiO<sub>2</sub>), variable inspiratory/expiratory (I/E) ratio, respiratory rate and tidal volume. In addition the ability to provide mandatory, synchronised and supported modes of ventilation is desirable.

- Sufficient syringe or infusion pumps are required to enable essential fluids and drugs to be delivered. Pumps should preferably be mounted below the level of the patient and infusion sets fitted with anti-siphon devices. Please refer to the Injectable Medicines Policy available on the trust intranet for further guidance.
- A portable defibrillator and portable suction should be available for the duration of the transfer if appropriate
- Ensure batteries are charged, transfer and emergency drug bag checked and checklist completed (ICS 2011).

### 6.4.4 Medications

All infusions should be rationalised with only those considered essential continued and monitored during transfer. Ensure sufficient supply of infusions allowing for increasing requirements as well as emergency and anaesthetic drugs.

### 6.4.5 **Oxygen Therapy**

Oxygen requirements should be calculated before transfer to ensure you have sufficient oxygen in the cylinder required for the entire journey. At least 200% requirement should be taken to allow for increased oxygen demands, unforeseen circumstances and/or delays.

### 6.5 On Arrival at Destination

- 6.5.1. Escort will inform qualified healthcare professional in the receiving ward / dept that the patient has arrived. Escort will hand over the patient to the receiving ward / department. The escort must ensure all equipment used during the transfer and no longer needed by the patient is returned to the ward. For external transfers all equipment must return with escort.
- 6.5.2 All equipment must be returned to the originating area / cleaned / recharged / prepared for the next transfer and checked. The transfer & / or emergency drug bag(s) must be restocked as necessary by those involved in the transfer.

# 6.6 External Transfers / Discharge to an external care environment All the above conditions and arrangements relating to internal transfers apply, plus

- 6.6.1 External transfers to and from other hospitals.
  - Referral of patients to other hospitals for specialist treatment and those patients requiring transfer to St Georges Hospital NHS Trust from another acute NHS Trust requires a medical referral usually Consultant to Consultant prior to any transfer taking place.
  - The appropriate medical/surgical team need to liaise with the nurse in charge to inform them of the medical referral on the day that this occurs. The nurse in charge will then liaise with the site manager at the accepting/referring hospital to ensure transfer to or repatriation takes place at the earliest opportunity.
  - The Site Manager will collect information on patients for transfer and those for repatriation according to the Site management protocol and the Discharge Policy. An exchange of patients will be organised if bed availability is limited.

### 6.7 Special considerations.

- Vulnerable adults ensure the safety and protection of vulnerable adults during the transfer has been considered when organising escort and is in accordance with the Safeguarding Adults Policy. The butterfly scheme should be in use for relevant patients, to alert all members of the team to delirium/dementia.
- Paediatrics ensure the safety and protection of children during the transfer has been considered when organising escort and is in accordance with the Safeguarding Children and Young People Policy.
- Escorts by relatives/friends A patient may be accompanied by a relative/friend if
  they request this or for other reasons such as language difficulties or cultural needs
  and the patient has consented to their presence. Relatives/friends may not be
  provided with transport nor admitted during procedures and should under no
  circumstances be used to support transfers in place of nursing staff.

#### 6.8 Process for transfer out of hours.

- 6.9.1 Where possible, transfers to other hospitals should be completed by 17:00 as this reduces the disruption to patients and admitting teams.
- 6.9.2 When there is clinical need or pressure on beds it may be necessary to transfer patients to other hospitals after 17.00hrs.
- 6.9.3 If a decision is reached to transfer the patient then the process will be the same as for 'in hours' transfers. This should be managed in accordance with Bed Management policy.

### 7. Dissemination and implementation

### 7.1 Dissemination:

This procedural document replaces an existing policy and will be updated on the Trust intranet and master paper copy files via the corporate office.

The policy will be published on the weekly e.g. bulletin with alert all staff via e-mail with the intranet link directly to the policy and through corporate and local inductions.

### 7.2. Implementation

The policy will be disseminated via the Divisional Directors of Nursing and Governance and the Divisional Directors of Operations who are responsible to ensure all staff are made aware of the updated policy and comply with its contents.

### 8. Monitoring compliance

The table below outlines the process for monitoring compliance with this document.

### Monitoring compliance and effectiveness table

Element/ Activity being monitored	Lead/role	Methodology to be used for monitoring	Frequency of monitoring and Reporting arrangements	Acting on recommendations and Leads	Change in practice and lessons to be shared
Patient groups are appropriately identified in accordance with their level of care	Chief Nurse and Director of Operations	On-going review of completed audit form for all Patient Transfers (Appendix G); undertaken by ward/ departmental managers	Annual report to the Patient Safety Committee who will be expected to read and interrogate the report to identify deficiencies in the system and act upon them.	Required actions will be identified by the Patient Safety Committee and completed by Matron and ward managers in a specified timeframe.	Required changes to practice will be identified and actioned within a specific time frame. A lead member of the team will be identified to take each change forward where appropriate. Lessons will be shared with all the relevant stakeholders
Transfer and escort requirements are assessed and met dependant on level of care	Chief Nurse and Director of Operations	On-going review of completed audit form for all Patient Transfers (Appendix G); undertaken by ward/ departmental managers	Annual report to the Patient Safety Committee who will be expected to read and interrogate the report to identify deficiencies in the system and act upon them.	Required actions will be identified by the Patient Safety Committee and completed by Matron and ward managers in a specified timeframe.	Required changes to practice will be identified and actioned within a specific time frame. A lead member of the team will be identified to take each change forward where appropriate. Lessons will be shared with all the relevant stakeholders
Appropriate documentation accompanies the	Chief Nurse and Director of Operations	On-going review of completed audit form for all Patient Transfers	Annual report to the Patient Safety Committee who will be	Required actions will be identified by the Patient Safety	Required changes to practice will be identified and actioned

(Appendix G); expected to read and Committee and within a specific time patient when undertaken by ward/ frame. A lead member transferred. interrogate the report to completed by Matron departmental managers identify deficiencies in and ward managers in of the team will be the system and act a specified timeframe. identified to take each upon them. change forward where appropriate. Lessons will be shared with all the relevant stakeholders Transfer out of Chief Nurse and On-going review of Annual report to the Required actions will Required changes to **Director of Operations** completed audit form for Patient Safety be identified by the practice hours will be all Patient Transfers Committee who will be Patient Safety identified and actioned expected to read and (Appendix G); Committee and within a specific time undertaken by ward/ interrogate the report to completed by Matron frame. A lead member departmental managers identify deficiencies in and ward managers in of the team will be the system and act a specified timeframe. identified to take each upon them. change forward where appropriate. Lessons

will be shared with all

relevant

the

stakeholders

#### 9. Associated documentation

Adverse Incident Reporting Policy & Procedure

**Bed Management Policy** 

Cardiopulmonary Resuscitation Policy

Discharge of Patients from Hospital

**Delivery Suite Guidelines** 

Health and Safety Policy

Heavier Patients Safer Management policy

Infection Control Policy

Moving and Handling Policy

Medicines Management Policy

Neonatal Handbook

Observations Policy (Adults)

Observation Policy (Paediatrics)

Paediatric Documentation Policy

Patient Identification Policy

Safeguarding Adults Policy

Safeguarding Children and Young People

#### 10. References

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- Gillman et al. (2006) Adverse events experienced while transferring the critically ill patient from the emergency department to the ICU. Emergency Medicine Journal 23: 858 861
- Intensive Care Society (2009) Levels of Critical Care for Adult Patients. ICS, London. Accessed online on 27/01/14 at:
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- Paediatric Intensive Care Society (2010) Standards for the Care of Critically III Children, PICS: London. Accessed online on 27/01/14 at: http://www.ukpics.org.uk/documents/PICS\_standards.pdf
- The Shelford Group (2013) The Shelford Group Safer Nursing Care Tool, London.
- Wallace PGM, Ridley SA (1999) ABC of intensive care: Transport of critically III patients. BMJ 319 (7206): 368 371

### Appendix A -Table showing levels of care and Escort

Escort Required		les of <b>Adult Patient Groups</b> by of Care	Examples of Paediatric Patient Groups by Levels of Care		
Porter Only	Level 0	<ul> <li>Outpatients</li> <li>Patients requiring     hospitalisation where needs     can be met through normal     ward care</li> <li>Early Warning Score is within     normal threshold.</li> <li>Oxygen therapy less than</li> </ul>	Level 0	Infants or children whose needs can be met on a normal ward in an acute hospital Outpatients	
HCA and Porter		<ul><li>35%</li><li>IV Fluids</li><li>Confused patients not at risk</li></ul>		Outpatients	
Registered Nurse and Porter	Level 1	<ul> <li>Patients recently discharged from a higher level of care.</li> <li>Patients in need of additional monitoring/clinical interventions with/without sedation</li> <li>Early Warning Score - trigger point reached and requiring escalation.</li> <li>Severe infection or sepsis</li> <li>Patients immediately post-operative</li> <li>Confused patients who are at risk or requiring constant supervision</li> </ul>	Level 1	Children who are sufficiently sick or have potential for deterioration and require close monitoring and observation but do not require acute mechanical ventilation. This category is referred to as high dependency care. E.g. recently extubated child who is stable, child undergoing close post-operative observation or child with tracheostomy on long term ventilation. These children may be nursed on the acute ward if appropriate staffing and support allow or on a dedicated HDU.	
Registered Nurse and Porter	Level 2	<ul> <li>Deteriorating / compromised single organ system</li> <li>Post-operative optimisation (pre-op invasive monitoring) / extended post-op care.</li> <li>Greater than 50% oxygen continuously</li> <li>Patients requiring non-invasive ventilation / respiratory support; CPAP / BiPAP in acute respiratory failure</li> </ul>	Level 2	A child requiring continuous nursing supervision who is usually intubated and ventilated including continuous positive airway pressure (CPAP). Also the unstable non intubated child e.g. child with acute upper airway obstruction requiring nebulised adrenaline.	
Registered Nurse, Doctor and Porter	Level 3	<ul> <li>Patients requiring advanced respiratory support alone</li> <li>Patients requiring two organ support (unless basic respiratory and basic cardiovascular)</li> </ul>	Level 3	The child requiring intensive supervision at all times who needs additional complex therapeutic interventions and drug therapy. E.g. unstable ventilated child on inotropes or with multiple organ failure	

### Appendix B - Patient Transfer Checklist – To be completed for <u>ALL</u> patients immediately prior to transfer and filed in notes on completion of transfer

Patient Name:	Hospital Number:	I.D. Bar Yes	nd (Circle No	e)	Transferring Ward / Dept
NHS Number:			No	Co	omment/Not applicable
Patient informed of transfer:					
NOK informed of transfer: Insert name / relationship					
Escort risk assessment co	mpleted (Appendix A)				
Escort / Transport arrange assessment:					
Transfer / discharge form	completed:				
Infection control transfer for	orm completed		/		
Patient property checked a (include locked belongings	/				
Receiving Ward / Dept: Contact Person & No:					
Date of transfer confirmed	as:	Yes	No	Date	
Time of transfer confirmed	Yes	No	Time		
Informed of infection status					
Informed of Pressure Area Damage (Use photo)					

### ATTACH COMPLETED SBAR FORM

### (Use in all face to face and telephone communications)

Please indicate level of care - if unsure always default to highest level of care

	Level 0 – Outpatient or Care can be delivered at ward level					
/	Level 1 - At risk of deteriorating/stepping down from a higher level of care					
	Level 2 - High dependency p	patients				
	Level 3 - Intensive care patie	ents				
		Yes	No	Comment		
Case notes 8	Charts					
Lab results						
Equipment (a	s indicated by level of care)					
Allergies / au	dits					
Radiographs						
Drugs (includ	les oxygen therapy)					
				1		
Privacy & Di	gnity	Yes	No	Comment		
Patient is appropriately dressed / covered						
Patient's toile	eting needs met					
Patient provid	ded drink and / or snack					
Handover co	mpleted by:	Designation:		Contact No:		
Print					Nam	



### **Patient Transfer Form**

### **General Intensive Care Unit**

PATIENT DETAILS	
Name	
Hospital Number	
Male / Female	
Date of Birth	Age
Weight	Height

TRANSFER DETAIL	.S
Date	
Destination	Telephone No.
Reason for Transfer	
Returning Area	Telephone No. Cost Code:

PATIENT'S AIRWAY	(Airway sa	fe or secured by	intubation)				
Tracheal Tube (Tick √)	ETT		Trachy		SV		
Size			Length cut				
Length at lips / tie	_		Position				
Ventilator (Tick √)	Oxylog		TransPac		LTV	1000	

<b>ABG PRIO</b>	ABG PRIOR TO DEPARTURE						
Time		Mode			FiO <sub>2</sub>		
Blood Gas		Acid Base		Electrolytes			
pН		HCO <sub>3</sub> (mmol/L)		Gluc (	mmol/L)		
PaCO <sub>2</sub> (kPa)		BXE (mmol/L)		K⁺ (mr	nol/L)		
PaO <sub>2</sub> (kPa)		Lactate (mmol/L)		Na⁺ (n	nmol/L)		
SaO <sub>2</sub> (%)		Hb (g/dL)		Cl <sup>-</sup> (mmol/L)			
				•	Ca⁺ (m	nmol/L)	

TRANSFER BOOKING	
Time Transfer Booked	
Time Porters' contacted	
Time Ambulance service contacted	
Time porters / crew arrived on G-ICU	
Time of departure from G-ICU	
Next of Kin aware of transfer (if applicable)	

ESCORTING PERSONNEL from G-ICU						
	Name (print)	Signature	Initials			
1. DOCTOR						
2. NURSE						
3.						

EQUI	PMENT	OUT (√)	RETURNED (√)
AIRWAY		1 ( )	(1)
LTV 1000 (Pulmoneti O <sub>2</sub> range 21%-100%, alar Vent driving gas = 1L/min	m settings		
LTV 1000 portable ba			
LTV 1000 mains pow	•		
TransPAC (pneuPAC O <sub>2</sub> range 45%-100%, preservent driving gas = 1L/min		$\triangle$	
Oxylog (Drager <sup>®</sup> ) O <sub>2</sub> 50% (air mix) or 100% Vent driving gas = 1L/min	or 1000ml/min		
Other Transport Vent e.g. Servo i	ilator (please specify)		
Oxygen Cylinder (state (flow meter, 'keys', bodok	e size taken e.g. E) & toolkit seals)		
Size, height & capacity: D (20 F (34	)") = 360L; <b>E</b> (30") = 625L; ") = 1360; <b>G</b> (50") = 3400L		
$O_2$ requirements in mls = $\begin{cases} (I \\ \end{cases}$	MV x FiO₂) + Vent driving gas ml/mir □ x □ ) + □ ml/min	n x journey time in mi	nutes x 2 (safety factor) x 2
E <sub>T</sub> CO <sub>2</sub> Sensor			
Suction Unit & Tubing	g (test battery function)		
CARDIOVASCULAR			
Cardiac Monitor x 1	Internal batteries x 2		
	Mains power adapter		
	Invertors if ambulance		
No. of infusion	Syringe drivers or		
devices	Fresenius Volumat <sup>®</sup>		
Pressure Bag (s)			
Pressure Transducer	s for Art & CVP		
NIBP cuff & lead			
Sealed Transfer Bag	& trolley		
	n DRUG BOX from fridge		
(check contents)			
Patient's Notes			
Patient's X-rays & oth CD)	ner imaging data (saved to		

Patient's Notes

Patient's X-rays & other imaging data (saved to CD)

All medical devices checked for function, ensure enough battery power & O<sub>2</sub> for duration of transfer (& return journey to G-ICU if applicable)

Signature of Named Transfer Nurse:

CHECKLIST	YES √	NO √	N/A √	Nurses Initials
AIRWAY & RESPIRATORY	,	'	<u> </u>	
Airway safe or secured by intubation				
Tracheal tube (ETT/TT) position confirmed on chest x-ray				
Length of ETT secured at lips recordedcm				
Patient sedated				
Patient paralysed				
Ventilation established on transport ventilator				
Adequate gas exchange confirmed by pre transfer ABG				
E <sub>T</sub> CO <sub>2</sub> monitoring commenced				
SpO <sub>2</sub> monitoring				
Patient's level of tracheal secretions assessed				
Patient suctioned prior to transfer				
Chest drains changed to ambulatory or transfer chest drain				
bags (with Heimlich flutter valve with no underwater seal)				
CIRCULATION			•	
Heart rate stable				
ECG & rhythm				
Blood pressure stable				
Capillary refill time checked				
Inotropic support required				
Tissue and organ perfusion adequate				
Hb adequate				
Obvious blood loss controlled				
Circulation blood volume restored / Fluid loaded				
Minimum two routes of intravenous access & secured				
Arterial cannulae secured & visible				
CVP access secured				
PAC (sheath only) secured, no flotation balloon present				
FLUIDS				
Urine catheter bag emptied				
NG tube aspirated & secured				
NEUROLOGY				
Seizures controlled, metabolic causes treated or excluded				
Increased ICP appropriately managed				
Extra ventricular Drain (EVD) secured & safe for transfer				
Pupil size recorded				
Sedation Score &/or GCS				
METABOLIC				
Plasma glucose > 4 mmol/L				
Potassium < 6 mmol/L				
Ionised calcium (from ABG) > 1 mmol/L				
Acid-base balance acceptable				
Adequately wrapped to prevent heat loss ('Mummy wrapped')				
TRAUMA				
Long bone / pelvic fractures stabilised				
Traction in situ & secured for transfer				

### TRANSFER OBSERVATIONS

OBSERVA PARAMET		Pre Transfer	Pre ICU depart	Arrival receive area			Pre depart receiving area↓	
	TIME of observation							
	Heart Rate (bpm)							
	Rhythm (ECG)							
10	MAP (mmHg)							
CVS	Systolic BP (mmHg)							
O	Diastolic BP (mmHg)							
	CVP (mmHg)							
	Temperature (°C)							
	Air Entry R/L							
	Vent Mode							
	Resp Rate (bpm)							
	TV (insp/exp) (ml)							
<b>≿</b>	MV (insp/exp) (L)							
Ö	PS / IPAP (cmH <sub>2</sub> O)							
AT	PEEP / EPAP (cmH <sub>2</sub> O)							
RESPIRATORY	AP <sub>PEAK</sub> (cmH <sub>2</sub> O)	/\						
S	FiO <sub>2</sub> (%)							
3	SpO <sub>2</sub> (%)							
_	E <sub>T</sub> CO <sub>2</sub> (kPa)		>					
	Alarms set?							
	Oxygen left (L)		/					
	Suctioned							
	Sedation Score	/						
O O	GCS (EVM)							
P P	Pupils PEARL							
NEURO	Pupil size (mm)							
_								
S	1.							
	2.							
INFUSIONS Dose/rate (ml/h) Fluids given (Type & Vol)	3.							
	4.							
<b>₹</b> 8€€€	5.							
	1. Urine output							
PUT.	3. Drains							
0 1	3.							
	1		L	L	1	1		

<b>EVENTS</b> e.g. Bolus drugs, contrast dye, respiratory hold, infusions, equipment failure, personnel					
Time	Details of event				



### Patient Transfer Form Neuro Intensive Care Unit

PATIENT DETAILS					
Name					
Hospital Number					
Male / Female					
Date of Birth	Age				
Weight	Height				

TRANSFER DETAILS						
Date						
Destination	Telephone No.					
Reason for Transfer						
Returning Area	Telephone No. Cost Code:					

PATIENT'S AIRWAY (Airway safe or secured by intubation)							
Tracheal Tube (Tick √)	ETT			Trachy		SV	
Size				Length cut		•	
Length at lips / tie				Position			
Ventilator (Tick √)	Siemei	ns i		LTV 1200			

ABG PRIOR TO DEPARTURE						
Time		Mode	FiO <sub>2</sub>			
Blood Gas		Acid Base	Electrolytes			
pН		HCO <sub>3</sub> (mmol/L)	Gluc (mmol/L)			
PaCO <sub>2</sub> (kPa)		BXE (mmol/L)	K <sup>+</sup> (mmol/L)			
PaO <sub>2</sub> (kPa)		Lactate (mmol/L)	Na <sup>+</sup> (mmol/L)			
SaO <sub>2</sub> (%)		Hb (g/dL)	Cl <sup>-</sup> (mmol/L)			
			Ca <sup>+</sup> (mmol/L)			

TRANSFER BOOKING	
Time Transfer Booked	
Time Porters' contacted	
Time Ambulance service contacted	
Time porters / crew arrived on N-ICU	
Time of departure from N-ICU	
Next of Kin aware of transfer (if applicable)	

ESCORTING PERSONNEL from N-ICU						
	Name (print) Signature Initials					
4.	DOCTOR					
5.	NURSE					
6.						

EQUIP	MENT	OUT   (√)	RETURNED (√)			
AIRWAY						
SIEMENS SERVOi(Full	y Charged <b>)</b>					
LTV 1200 (Pulmonetic S	Systems®)					
O <sub>2</sub> range 21%-100%,alarr						
Vent driving gas=1L/min o						
LTV 1200 portable batte	•					
LTV 1200 mains power	adaptor					
Other Transport Ventilat	or (please specify)					
Oxygen Cylinder (state si (flow meter, 'keys', bodok se	<u> </u>					
Size, height & capacity: <b>D</b> (20") = <b>F</b> (34") =	360L; <b>E</b> (30") = 625L; 1360; <b>G</b> (50") = 3400L					
{(□	$x FiO_2$ ) + Vent driving gas ml/min $x \square$ ) + $\square$ ml/min	x journey time in min	nutes x 2 (safety factor) x 2			
E <sub>T</sub> CO <sub>2</sub> Sensor						
Suction Unit & Tubing (t	est battery function)					
CARDIOVASCULAR						
Cardiac Monitor x 1	Internal batteries x 2					
_	Mains power adapter					
	Invertors if ambulance					
No. of Infusion	Syringe drivers					
Pumps	(no volumetric pumps)					
Pressure Bag (s)						
Pressure Transducers for	or Art & CVP					
NIBP cuff & lead						
Red Transfer Bag	) /					
Green Transfer Bag						
Heart Start Defibrillator						
Drugs requested by the	anaethetist					
Red DRUG wallet form	fridge (check contents)					
Patients Notes						
Patients X-Rays & other CD)	imaging data (saved to					
& O2 for duration of	checked for function, transfer (& return jour	ney to N-ICU if	• •			
Signature of Named Transfer Nurse:						

CHECKLIST	YES √	NO √	N/A √	Nurses Initials
AIRWAY & RESPIRATORY				
Airway safe or secured by intubation				
Tracheal tube (ETT/TT) position confirmed on chest x-ray				
Length of ETT secured at lips recordedcm				
Patient sedated				
Patient paralysed				
Ventilation established on transport ventilator				
Adequate gas exchange confirmed by pre transfer ABG				
E <sub>T</sub> CO <sub>2</sub> monitoring commenced	$\wedge$			
SpO <sub>2</sub> monitoring				
Patient's level of tracheal secretions assessed				
Patient suctioned prior to transfer				
Chest drains changed to ambulatory or transfer chest drain				
bags (with Heimlich flutter valve with no underwater seal)				
CIRCULATION				
Heart rate				
ECG & rhythm				
Blood pressure stable				
Capillary refill time checked				
Inotropic support required				
Tissue and organ perfusion adequate				
Hb adequate				
Minimum two routes of intravenous access & secured				
Arterial cannulae secured & visible				
CVP access secured				
FLUIDS				
Urine catheter bag emptied				
NG tube aspirated & secured				
NEUROLOGY				
Seizures controlled, metabolic causes treated or excluded				
Increased ICP appropriately managed				
Extra ventricular Drain (EVD) secured & safe for transfer				
Pupil size recorded				
GCS				
TRAUMA AND TRACTION			_	
Long bone/ pelvic fractures stabilised				
Traction in situ & secured for transfer				
OTHER				
Money				
Mobile Phone				

### TRANSFER OBSERVATIONS

OBSERVA	TION / PARAMETER	Pre Transf er	Pre ICU depart	Arrival receive area			Pre depart receiving area	
	TIME of observation							
	Heart Rate (bpm)							
	Rhythm (ECG)							
[ <sub>(0</sub>	MAP (mmHg)							
CVS	Systolic BP (mmHg)							
	Diastolic BP (mmHg)							
	CVP (mmHg)							
	Temperature (°C)							
	Air Entry R/L							
	Vent Mode							
8	Resp Rate (bpm)		/					
RESPIRATORY	TV (insp/exp) (ml)							
\ <del>\</del>	MV (insp/exp) (L)							
🗮	<b>PS</b> /(cmH <sub>2</sub> O)							
Si	PEEP (cmH <sub>2</sub> O)							
₽	FiO <sub>2</sub> (%)							
	<b>Sp O<sub>2</sub></b> (%)							
	E <sub>T</sub> CO <sub>2(kPa)</sub>		/					
	Alarms set?							
	Suctioned							
	GCS							
0	E							
NEURO	V							
	M							
	Pupils PEARL							
	Pupil size (mm) LR 1.					-		
INFUSIONS Dose/rate (ml/h) Fluids given (Type & Vol)	2.				-	-		
	3.				-	-		
	4.				1	1		
Jay Pariting Type	5.			-	-	-		
						1		
∸ ⊨	1. Urine output				ļ	ļ		
PUT	3. Drains							
	3. EVD					]		

<b>EVENTS</b> e.g. Bolus drugs, contrast dye, respiratory hold, infusions, equipment failure, personnel				
Time	Details of event			

### Appendix G

### **Audit tool for Patient Transfers**

To be completed by participating ward / departmental leaders during annual audit

Ward	
Date	

Has patient level of care been identified on transfer checklist?	Yes	No
Has the transfer checklist been completed?	Yes	No
Did the escort accompanying the patient comply with the level of care and escort requirement table?	Yes	No
Was the documentation identified on the transfer checklist with the patient during transfer?	Yes	No
Patient Age		
Patient Sex	М	F

### Appendix H

#### 1. EQUALITY IMPACT ASSESSMENT FORM - INITIAL SCREENING

Service/Function/Policy	Directorate / Department	Assessor(s)	New or Existing Service or Policy?	Date of Assessment
Patient Transfer and Escort Policy	Corporate Nursing	Jenny Hudek/ Paul Silke	Existing Policy review	January 2014

### 1.1 Who is responsible for this service / function / policy/ business plan?

**Strategic:** The Chief Executive has overall accountability for ensuring that the Trust meets its obligations in respect of maintaining appropriate standards of patient transfer.

**Operational:** Divisional Directors of Nursing and governance / Divisional Directors of Operations are responsible for implementing the policy within the divisions / directorates and for monitoring compliance.

- **1.2 Describe the purpose of the service / function / policy?** Who is it intended to benefit? What are the intended outcomes?
  - The purpose of this policy is to provide a standard Trust wide procedure that will ensure the safe transfer of patients. The policy will provide staff with clear guidance for transferring patients both internally and externally.

### Intended outcomes:

The outcomes of the policy are:

- Patients are transferred safely and efficiently to the required destination
- There is clear ownership, roles and responsibilities in relation to patient transfer
- Transfer practices are standardised
- The appropriate mode of transport is used to ensure the most safe and appropriate transfer for the patient i.e. car/ambulance.

To ensure the patient is treated as an individual as they are transferred from one setting for another

### 1.3 Are there any associated objectives?

- NHSLA Risk Management Standards 2013-14, Standard 4.9 Clinical Handover of Care
- Care Quality Commission Guidance about compliance (2010) Essential Standards of Quality and Safety – Outcome 4 Care and Welfare of people who use services

### Trust Strategic aims

- Provide excellent clinical care
- Redesign and reconfigure our hospital services to provide higher quality care

•

### 1.4 What factors contribute or detract from achieving intended outcomes?

**Contribute:** Support for this policy from the Trust Board, CMB, all professional groups and other staff.

**Detract:** Failure to escalate issues with manpower resources, where skill mix is inadequate to facilitate an appropriate transfer.

1.5 Does the service / policy / function / have a positive or negative impact in terms of race, disability, gender, sexual orientation, age, religion or belief and Human

### Rights?

This policy will ensure that all patients, irrespective of any protected characteristics under Equality legislation will have a safe transfer within the Trust. This will support their right to life under Human Rights legislation.

### 1.6 If yes, please describe current or planned activities to address the impact.

- Section 6.6.3 details how to ensure a safe handover.
- Section 6.8 pays attention to vulnerable patients, paediatric patients and family escorts with the patient's request

### 1.7 Is there any scope for new measures which would promote equality?

Not at present

### 1.8 What are your monitoring arrangements for this policy/ service

- Adverse incidents during a patient transfer will generate incident record on DATIX. All datix trends are reported monthly to the patient safety committee for action
- Number of incidences relating to transfers
- Number of complaints relating to transfers
- An annual report will be presented at the Patient Safety Committee Nursing and Clinical Management Boards. Where deficiencies are identified, areas of improvement will be highlighted and action plans will be developed

Appendix C sets out the audit tool for this policy

# 1.9 Equality Impact Rating [low, medium, high]- see guidance notes 3.1 above Medium

### 2.0. Please give you reasons for this rating

This is a critical policy to ensure the safety and well-being of patients. There is no evidence to date that any group of patients has been adversely impacted. The Monitoring reports will identify any trends and will inform fuller investigations and actions accordingly

If you have rated the policy, service or function as having a high impact for any of these equality dimensions, it is necessary to carry out a detailed assessment and then complete section 2 of this form

Review date of Policy: January 2017

# 2. EQUALITY IMPACT ASSESSMENT FROM – DETAILED ASSESSMENT FOR HIGH IMPACT AREAS

Service/Function/Policy	Directorate / Department	Assessor(s)	New or Existing Policy/Service	Date of Assessment

- **2.1 In which areas is the service, function or policy judged to be high priority?** Summarise issues raised at the screening stage. Outlined above
- 2.2 What relevant data is available [e.g. ethnic coding monitoring, complaints, previous consultation etc]? Does the data indicate there is a differential impact on any groups?
- 2.3 Is there any national or local guidance on equality issues for this service, policy or function? N/R
- 2.4 Summarise the consultation. Who are the main stakeholders? What are their views?

### N/R

2.5 What are the recommendations for change arising from the assessment? (To consult with key stakeholders before disseminating trust wide)

### N/R

2.6 What are the costs and benefits to the relevant group and to the Trust?

### N/R

2.7 Details of the action plan to ensure implementation, including how relevant groups will be advised of the changes.

### N/R

2.8 Monitoring arrangements

# Appendix I Checklist for the Approval of the Transfer Policy.



			inno irust
	Title of document being reviewed:	Yes/No/ Unsure	Comments
	Title		
1	Is the title clear and unambiguous?	Yes	
	Is it clear whether the main document is a policy rather	Yes	
	than guidelines or procedures?  Rationale		
2	Are reasons for development of the document stated?	Yes	
	Development Process		
	Are people involved in the development identified?	Yes	
3	Is there evidence of consultation with stakeholders and users?	Yes	
	Content		
	Are the objectives and aims defined?	Yes	
4	Is target population as mentioned in Scope clear?	Yes	
•	Are the intended outcomes described?	Yes	
	Are the statements clear and unambiguous?	Yes	
	Evidence Base		
	Is the type of evidence required to support the document	Yes	
5	identified explicitly?		
	Are the references cited in full?	Yes	
	Are all supporting documents referenced?	Yes	
	Consultation		
6	Where appropriate, e.g. HR Policies, has the Partnership Forum been consulted on the document?	Yes	
	Approval and Ratification		
7	Has the table of control information been completed on the front cover of the Policy?	Yes	
	Has an Equality Impact Assessment been completed? Is the EIA is an appendix to this policy?	Yes	
	Dissemination and Implementation		
8	Does the plan include the necessary training and support to ensure compliance?	Yes	
	Is there a plan to review or audit compliance with the document?	Yes	
9	Review Date		
9	Is the frequency of review identified?	Yes	
	Overall Responsibility for the Document		
10	Is it clear who will be responsible for co-coordinating the dissemination, implementation and review of the document?	Yes	