

**Spinal Surgery Enhanced Recovery Pathway**

<b>Patient Label</b>
Name Date of Birth Unit no. CHI

Date of Admission:.....

Date of Surgery:.....

<b>Consultant</b>	
<b>Diagnosis</b>	
<b>Procedure</b>	
<b>Intended Post-Operative Pathway</b>	PICU <input type="checkbox"/> Ward 4 HDU <input type="checkbox"/> Ward 4 Special Care <input type="checkbox"/>
<b>Expected Length of Stay</b>	
<b>Enhanced Recovery Pathway</b>	Yes <input type="checkbox"/> No <input type="checkbox"/>
<b>Spinal Liaison Nurse</b>	Pre-admission assessment carried out Yes <input type="checkbox"/> No <input type="checkbox"/> <i>(if no record a variance)</i> <i>(refer to TRAK progress notes)</i>

WEIGHT (kg)		HEIGHT (cm)		ARMSPAN (cm)	
	<i>Initial</i>		<i>Initial</i>		<i>Initial</i>

- ◆ Decisions regarding care remains at the discretion of the Clinician. The pathway is not a rigid protocol, but a guide to the **average** progression.
- ◆ All care should be initialled once completed. (The omission of any entry which has **not** been initialled indicated the necessary care has been omitted).
- ◆ Patients may vary from the pathway. Where the patient makes slower progress than anticipated, a reason must be sought. These reasons and actions must be documented and recorded as a **variance** in the appropriate section.
- ◆ Patients who are no longer able to follow the pathway for clinical reasons should revert back to traditional documentation.
- ◆ All policies and protocols referred to in this ERP can be located on the Scottish National Spine Deformity Service webpage on the NHS Lothian Intranet at:  
<http://intranet.lothian.scot.nhs.uk/Directory/scottishnationalspinedeformityservice/Pages/StandardsforSpineDeformity.aspx>

<b>Variances: All staff to identify &amp; record variances</b>					
List of variance types and their code letter (Var. code)					
A. Patient / relative/ carer		B. Clinical staff	C. Hospital system	D. Community / external	
Date	Description of issue	Reason	Action	Var. Code	Initials
/					

**\*\*Please complete pathway using BLACK ink\*\***

Name  
Date of Birth  
Unit no.  
CHI

**Spinal Surgery Enhanced Recovery Pathway**

**KEY TO INITIALS OF ALL STAFF COMPLETING THIS ICP**

<i>Print Name</i>	<i>Designation</i>	<i>Initials</i>	<i>Signature</i>	<i>Contact Number</i>	<i>Date</i>
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					
16.					
17.					
18.					
19.					
20.					
21.					
22.					
23.					
24.					
25.					

**More signature spaces on back page**

**Nursing Patient Profile**

<b>Patient Label</b>
Name
Date of Birth
Unit no.
CHI

..... / ..... / ..... / 20.....  
(day) (date) (month) (year)

**Each entry MUST BE ACKNOWLEDGED**

<b>Name of parent (s) / Guardian (s) / Next of Kin</b>	
<b>Name of individual with parental responsibility</b>	
<b>Contact details (home phone / mobile)</b>	
<b>Social Details</b>	
<b>Language spoken <i>(translator required?)</i></b>	
<b>Religion</b>	
<b>School</b>	
<b>Registered dentist</b>	
<b>Social Worker</b>	
<b>Other professionals involved in care</b>	
<b>Community Nurse Involvement</b> Yes <input type="checkbox"/> No <input type="checkbox"/> <i>(If 'YES' please detail)</i>	
<b>Occupational Therapy <i>(on TRAK)</i></b>	
<b>Physiotherapy Assessment <i>(within ERP)</i></b>	
<b>Learning Disability Risk Assessment <i>(on TRAK)</i></b>	Yes <input type="checkbox"/> N/A <input type="checkbox"/>
<b>Contact with infections / diseases within the last 4 weeks</b>	
<b>MRSA / CPE Risk Completed <i>(on TRAK)</i></b>	
<b>Immunisations</b>	
<b>Parent accommodation required –</b> Yes <input type="checkbox"/> No <input type="checkbox"/> <i>(please indicate action taken)</i>	
<b>Discharge planning - Transport arranged for home</b> Yes <input type="checkbox"/> No <input type="checkbox"/> <i>(If 'NO' please indicate action taken)</i>	
<b>Medication taken at home</b>	
<b>Any known allergies / sensitivities</b>  <i>(Reaction caused)</i>	
<b>Patients own medication –</b> Verbal consent given for    Use <input type="checkbox"/> Destruction <input type="checkbox"/> Verbal consent not given <input type="checkbox"/>	
Nurse/Pharmacy signature:..... Print Name:..... Date:.....	

**Signature:** ..... **Print:** .....

**Nursing Patient Profile**

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<p><b>Breathing</b></p> <p><i>(consider asthma, smoker)</i></p>	
<p><b>Communication</b></p> <p><i>(consider hearing, eyesight, speech, communication aids)</i></p>	
<p>Sensory and Motor Disorders</p> <p><i>(consider ADHA, hypercucis, dyspraxia)</i></p>	
<p><b>Sleeping</b></p> <p><i>(consider usual bedtime, comforter)</i></p>	
<p><b>Elimination</b></p> <p><i>(consider history of constipation, incontinence)</i></p>	Lactulose commenced 3 days pre-operatively Yes <input type="checkbox"/> No <input type="checkbox"/> Last BO.....
<p><b>Menstruation</b></p> <p><i>(pregnancy test required for all females who have commenced menarche)</i></p>	Date of LMP.....
<p><b>Skin</b></p> <p><b>History of acne / eczema or any other skin condition?</b> Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p><i>(If 'YES' seek advice from Consultant)</i></p>	
<p><b>Dietary</b></p> <p>Normal diet <input type="checkbox"/> Special diet <input type="checkbox"/> NG Feed <input type="checkbox"/> Gastrostomy feed <input type="checkbox"/></p> <p>Post-operative nutrition discussed Yes <input type="checkbox"/> <b>PYMS</b> completed <i>(on TRAK)</i> Yes <input type="checkbox"/> <b>PYMS Score</b>..... <b>BMI</b>.....</p> <p><i>Referral to dietician</i> Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p><b>Comments</b></p>	
<p><b>Mobility</b> - freely mobile Yes <input type="checkbox"/> No <input type="checkbox"/> <i>If 'NO' please comment</i>.....</p> <p>.....</p> <p><b>Glamorgan Tool Completed</b> <i>(on TRAK)</i> Yes <input type="checkbox"/></p>	

Signature: ..... Print: .....

**Nursing Patient Profile**

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**Anticoagulant – Low molecular weight heparin (LMWH) should be considered in:**

- Patients <12 years – serious consideration in major surgery with predicted immobility >48 hours plus previous DVT/PE
- Patients >12 years or peripubertal\* - serious consideration in major spine surgery with predicated immobility >48 hours plus one other risk factor (see below)
- **In spine deformity patients anticoagulant DVT prophylaxis should be delayed until 24 hours postoperatively**
- In all cases where thromboprophylaxis is being considered there should be discussion with the lead consultant and the haematology team **\*\*Please refer to the BNFC for dosing guidelines\*\***

**Risk Factors for DVT / PE in Children and Young People**

**All children with**

- Central venous lines (especially large lines in small veins such as femoral lines)
- Previous DVT/PE
- Prolonged immobility

**Children over 12 years or peripubertal\***

- Who are on the oral contraceptive pill
- Who smoke
- With inflammatory conditions (eg inflammatory bowel disease, connective tissue disease)
- Who are pregnant
- Who are obese (BMI > 35)
- With pre-existing thrombophilic conditions including:
  - Antithrombin deficiency
  - Persistent antiphospholipid antibodies
  - Protein C deficiency
  - Protein S deficiency
  - Polycythaemia
- \*whichever is the younger

**DISCUSSION WITH A CONSULTANT HAEMATOLOGIST IS REQUIRED IF THROMBOPHILIA SCREENING IS PROPOSED**

**Pneumatic Compression Boots (Flotrons) and TED stockings are used in ALL patients over 12 years or peripubertal\* undergoing spinal deformity surgery during the period of immobility**

**Measurements:** Ankle:.....cm Calf:.....cm Length:.....cm **Stocking size**.....

TED stockings correct size available: Yes  No

**Child / Parent perception of reason for admission**

**Additional Information**

**Signature:** ..... **Print:** .....

**Surgical Nurse Practitioner / Doctor Clerk In**

Name  
Date of Birth  
Unit no.  
CHI

..... / ..... / ..... / 20.....  
(day) (date) (month) (year)

**Each entry MUST BE ACKNOWLEDGED**

History of Presenting Complaint

BIRTH HISTORY	
Preterm / Full Term	
SCBU / NICU	
Ventilation / O <sub>2</sub> Therapy	
Chronic Lung Disease	
RESPIRATORY / AIRWAY	
Asthma / Wheeze	
Chest Problems / Smoker	
Apnoeas / OSA / Snorer	
Lung Function Results	<b>FVC:</b> ..... <b>FEV1:</b> .....
Other Airway Problems	
CARDIAC	
Cardiac Problems	
RENAL	
Renal Problems / UTI's	
LIVER	
Liver Problems	
Jaundice	
ENDOCRINE	
Endocrine Condition	
Diabetes or Related Complications	

**Signature:** ..... **Print:** .....

**Surgical Nurse Practitioner / Doctor Clerk In**

**Patient Label**

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(day)      (date)      (month)      (year)

**Each entry MUST BE ACKNOWLEDGED**

<b>NEUROLOGY</b>	
Fits / Faints / Dizzy Spells	
Seizures / Epilepsy	
Previous Head / Neck Injury	
<b>GASTROINTESTINAL</b>	
Gastro-oesophageal Reflux	
Feeding Problems	
Elimination / Bowel Problems	
Abdominal Pain / Nausea / Vomiting	
<b>HAEMATOLOGY</b>	
Prolonged Bleeding	
Anaemia	
Bruises Easily / Clotting Problems	
Sickle Cell	
Thalassaemia	
<b>SPECIFIC CONDITIONS</b>	
CP / ADHD / Syndromes	
Learning Difficulties / Behavioural Issues / Mental Health Issues	
<b>PREVIOUS HISTORY</b>	
Admissions	
GA / Surgery	
Anaesthetic Problems	
<b>RELEVANT FAMILY HISTORY</b>	

**Signature:** ..... **Print:** .....

**Patient Label**

**Surgical Nurse Practitioner / Doctor Clerk In**

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CHI

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(day) (date) (month) (year)

**Each entry MUST BE ACKNOWLEDGED**

**GENERAL APPEARANCE**

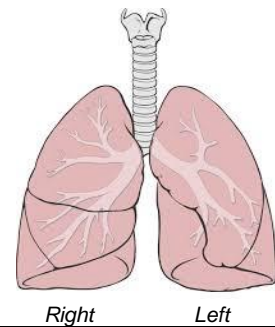
(Pallor / Cyanosis / Jaundice / Lymphadenopathy)

**CARDIOVASCULAR**

Heart Rate	Rhythm	Blood Pressure
Peripheral Pulses	Heart Sounds	Murmurs

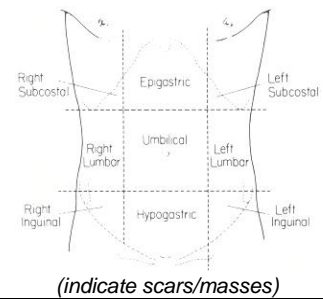
**RESPIRATORY**

ENT	Trachea
Percussion	Auscultation
Respiratory Rate	Expansion



**ABDOMEN**

Tenderness	Organomegally
Herniae	Bowel Sounds
Genitalia	



**CENTRAL NERVOUS SYSTEM**

PEARL	Power	Tone
Co-ordination	Sensation	

**OTHER INFORMATION**

Signature: ..... Print: .....



**Pain Assessment**

**Patient Label**

Name  
Date of Birth  
Unit no.  
CHI

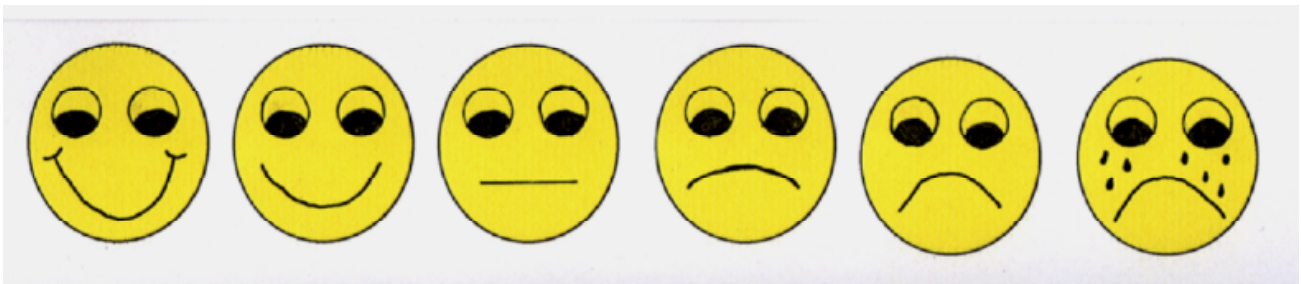
Use on admission, pre-operatively then recommence after discontinuing IV opiates

*Adapt questions - to include both the child and family*

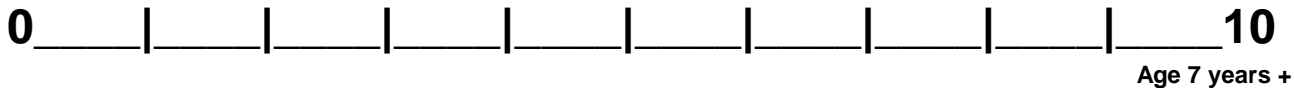
What experiences of pain has your child had in the past? .....

What words / movements / sounds does your child use when they are in pain? .....

What kind of things helps to settle your child when they are in pain? For example, touch / drugs / toys / books / comforters etc. ....



Faces aged 3 – 18 years (Baker and Wong with permission, 1988)



Categories	0	1	2
<b>Face</b>	No particular expression or smile	Occasional grimace or frown, withdrawn, disinterested	Frequent to constant quivering chin, clenched jaw
<b>Legs</b>	Normal position or relaxed	Uneasy, restless, tense	Kicking or legs drawn up
<b>Activity</b>	Lying quietly or relaxed	Squirming, rocking back and forth, tense	Arched, ridged or moving all limbs
<b>Cry</b>	No cry (awake and quiet or asleep)	Moans or whimpers, occasional cry	Crying steadily, screams or sobs continuity
<b>Consolability</b>	Contented and relaxed	Reassured by touch, hugging, talking (distractible)	Difficult to console or comfort

Age 3 months to 3 years (FLACC with permission, 1997)

**Pain assessment tool:** Explained & understood by: Child:  Parent  Scale used: FLACC  Faces  0 – 10

*Note: Frequency of pain assessment required should be decided / reviewed by child's nurse*

Date	Time	Scale	Score	Action taken	Reassessment time	Comments	Initials



**Pre-Operative Checklist**

<b>Patient Label</b>
Name
Date of Birth
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..... / ..... / ..... / 20.....  
(day) (date) (month) (year)

**Each entry MUST BE ACKNOWLEDGED**

Clinical Heading	Goals and tasks	Initial
<b>Nursing</b>	Admission to ward discussed Nursing documentation completed Baseline PEWS completed	

<b>Physio</b>	All <b>PHYSIOTHERAPY</b> notes can be found on dedicated physiotherapy sheets within the pathway
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<b>Pain Management / Anaesthetics</b>	PCA <input type="checkbox"/> IV morphine infusion <input type="checkbox"/> Prefers tablets <input type="checkbox"/> liquid <input type="checkbox"/> Pre-emptive Gabapentin required (anterior correction, costoplasty, chronic pain) Yes <input type="checkbox"/> No <input type="checkbox"/> Pre-med prescribed Yes <input type="checkbox"/> No <input type="checkbox"/>	
---------------------------------------	---	--

<b>Medical Staff / Nursing Staff</b>	Clerked in by FY1 / FY2 / SNP					
	Consent obtained by surgeon					
	<b>All patients require the following spinal X-rays (if obtained &gt; 3 months ago):</b> PA Lateral Whole Spine Ordered Yes <input type="checkbox"/> Completed Yes <input type="checkbox"/> Whole Spine Mobile Intensifier Ordered for intra-op Yes <input type="checkbox"/>					
	<b>All patients need the following bloods:</b> FBC & U&E's, LFTs, Clotting Screen, Glucose Obtained <input type="checkbox"/> Cross Match – (Check if 2 <sup>nd</sup> sample required as per <b>BTS Guidelines</b> ) <i>AIS patients require 1 unit of blood. Other diagnosis review number of units of blood to be ordered with anaesthetist</i> <a href="http://intranet.lothian.scot.nhs.uk/Directory/ChildrensServices/PoliciesGuidelines/ClinicalPolicies/Pages/Surgicaldirector.aspx">http://intranet.lothian.scot.nhs.uk/Directory/ChildrensServices/PoliciesGuidelines/ClinicalPolicies/Pages/Surgicaldirector.aspx</a> Any action required Yes <input type="checkbox"/> No <input type="checkbox"/> <i>Action taken:</i>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2" style="background-color: #cccccc;">RESULTS</th> </tr> </thead> <tbody> <tr> <td style="width: 50%; vertical-align: top;"> <b>FBC</b>                              Hb                              WCC                              Neut                              Lym   <b>Co-Ag</b>                              Plat                              APTT                              PT                              Fibrinogen                         </td> <td style="width: 50%; vertical-align: top;"> <b>U&amp;E</b>                              Urea                              Na                              K                              Cl                              Creat   <b>OTHER</b>                              Gluc                              XM Units x .....                         </td> </tr> </tbody> </table>	RESULTS		<b>FBC</b> Hb WCC Neut Lym  <b>Co-Ag</b> Plat APTT PT Fibrinogen	<b>U&amp;E</b> Urea Na K Cl Creat  <b>OTHER</b> Gluc XM Units x .....
	RESULTS					
<b>FBC</b> Hb WCC Neut Lym  <b>Co-Ag</b> Plat APTT PT Fibrinogen	<b>U&amp;E</b> Urea Na K Cl Creat  <b>OTHER</b> Gluc XM Units x .....					
<b>All patients require photographs</b> Obtained Yes <input type="checkbox"/>						

<b>MEDICAL / NURSING</b> notes for pre-operative care

**Paediatric Physiotherapy Service - Pre-Operative Assessment**

<b>Patient Label</b>
Name
Date of Birth
Unit no.
CHI

..... / ..... / ..... / 20.....  
 (day) (date) (month) (year)

Signature..... Print..... Contact Details.....

SUBJECTIVE ASSESSMENT	
<b>Date / Time / Consent:</b>	
<b>Presenting Complaint:</b>	Type of Scoliosis:  Planned procedure and date:
<b>History of Presenting Complaint:</b>	When noticed / diagnosed:  Symptoms (pain/numbness):  Management to date (Bracing / PT):  Relevant investigations (x-rays / LFTs):
<b>Past Medical History:</b>	
<b>Drug History:</b>	
<b>Social History:</b> (home setup / stairs)	<i>(See TRAK for full pre-operative planning document for Neuromuscular / Complex Patients)</i>
OBJECTIVE ASSESSMENT:	
<b>THRA SHANARRI</b>	1a <input type="checkbox"/> , 1b <input type="checkbox"/> , 1c <input type="checkbox"/> , 2a <input type="checkbox"/> , 2b <input type="checkbox"/> , 3a <input type="checkbox"/> , 3b <input type="checkbox"/> , 4a <input type="checkbox"/> , 4b <input type="checkbox"/> , 5 <input type="checkbox"/> , 6 <input type="checkbox"/> , 7a <input type="checkbox"/> , 9 <input type="checkbox"/> considered Safe <input type="checkbox"/> Healthy <input type="checkbox"/> Active <input type="checkbox"/> Nurtured <input type="checkbox"/> Achieving <input type="checkbox"/> Respected <input type="checkbox"/> Responsible <input type="checkbox"/> Included <input type="checkbox"/>
<b>Observations and Examination:</b>	Position/Posture (include chin, shoulders, hips where applicable):
<b>Respiratory:</b> (Include PCF where relevant)	Auscultation:  Cough/Sputum:
<b>Musculoskeletal:</b>	Cervical spine ROM:

**Paediatric Physiotherapy Service - Pre-Operative Assessment**

<b>Patient Label</b>
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..... / ..... / ..... / 20.....  
 (day) (date) (month) (year)

Signature..... Print..... Contact Details.....

LEFT				RIGHT		
ROM	POWER	SENS	Spinal Cord Level/ Key Muscles	ROM	POWER	SENS
			<b>C5</b> – Elbow Flexors			
			<b>C6</b> – Wrist Extensors			
			<b>C7</b> – Elbow Extensors			
			<b>C8</b> – Finger Flexors			
			<b>T1</b> – Finger Abductors			
			<b>L2</b> – Hip Flexion			
			<b>L3</b> – Knee Extension			
			<b>L4</b> – Ankle Dorsi-flexion			
			<b>L5</b> – Great Toe Extension			
			<b>S1</b> – Ankle Plantar Flexion			
			<b>S2</b> – Knee Flex			

**0 / 5** No movement

**1 / 5** Palpable or visible contraction but no movement

**2 / 5** Movement with gravity eliminated

**MRC (1976).**

**3 / 5** Movement against gravity only

**4 / 5** Movement against gravity with some resistance

**5 / 5** Movement against gravity with full resistance.

<b>Transfers / Mobility / Walking Status:</b>	
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**TREATMENT ADVICE**

<b>Treatment / Advice:</b>	Explained role of PT Yes <input type="checkbox"/> No <input type="checkbox"/>		
	Post-operative plan:	<i>Explained</i>	<i>Demonstrated</i>
	• Chest PT	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
	• Bed exercises	Yes <input type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input type="checkbox"/>
	• Progression of PT	Yes <input type="checkbox"/> No <input type="checkbox"/>	
	• Importance of early mobilisation	Yes <input type="checkbox"/> No <input type="checkbox"/>	

<b>Plan:</b>	
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**Recovery**

**Patient Label**

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**Each entry MUST BE ACKNOWLEDGED**

**TIME OF ARRIVAL IN RECOVERY** ..... : .....

Clinical Heading	Goals and tasks	Initial
Oxygen	Facial O <sub>2</sub> until awake. O <sub>2</sub> saturations maintained >92% Facial O <sub>2</sub> required on discharge Yes <input type="checkbox"/> No <input type="checkbox"/> O <sub>2</sub> ..... litres: facemask <input type="checkbox"/> nasal cannula <input type="checkbox"/>	
Observations	PEWS recorded as per recovery protocol	
Circulation	IV fluids running and documented hourly Yes <input type="checkbox"/> IV fluid bolus required Yes <input type="checkbox"/> No <input type="checkbox"/>  Fluid type..... mls..... Fluid type..... mls.....	
IV access	As documented on anaesthetic chart <b>PVC Bundle Completed</b> Yes <input type="checkbox"/> <b>CVC Bundle Completed</b> Yes <input type="checkbox"/> N/A <input type="checkbox"/> (on TRAK)	
Pain Management / Medication	PCA / morphine infusion commenced Yes <input type="checkbox"/> Enhanced Recovery Analgesia Pathway completed Yes <input type="checkbox"/> Pain scoring documented Yes <input type="checkbox"/>	
Urine	Urine output documented Yes <input type="checkbox"/> ..... mls / kg	
Drain(s)	Wound drain Yes <input type="checkbox"/> No <input type="checkbox"/> Losses documented Yes <input type="checkbox"/> N/A <input type="checkbox"/> Chest drain Yes <input type="checkbox"/> No <input type="checkbox"/> Unclamped, patent and secure Yes <input type="checkbox"/> N/A <input type="checkbox"/> Chest drain chart completed Yes <input type="checkbox"/> N/A <input type="checkbox"/> Peripheral catheter infusion charted Yes <input type="checkbox"/> N/A <input type="checkbox"/>	
Wound / Skin Care	Dressing dry and intact Yes <input type="checkbox"/> No <input type="checkbox"/> Pressure areas checked and position regularly	
Neurology	Neurological checks according to <b>pg 18</b>	
Anti Embolism Therapy	Applied if required according to <b>pg 5</b>	
<b>**Prior to discharge the patient must be wearing 2 name bands**</b>		

Issues for consideration
<ul style="list-style-type: none"> <li>Pain well managed prior to discharge to PICU / HDU / Ward 4</li> <li>Antibiotics prescribed</li> <li>All drains patent and lines unclamped</li> </ul>

**NURSING** notes for recovery care

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**Recovery**

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**OPERATION NOTES**

Approach: Anterior  Posterior  Combined

Instrumentation Levels:

Blood Loss: \_\_\_\_\_mls (\_\_\_\_\_% ) Cell Salvage: \_\_\_\_\_mls (\_\_\_\_\_% )

Local Anaesthetic Wound Block Yes  No  Amount given.....

Intercostal Block: Yes  No

Continuous Peripheral Nerve Infusion: Yes  No

Rate..... Strength of Bupivacaine.....

Wound Drain: Yes  No

Chest Drain: Yes  No

IOM: Yes  No  Notes:

Spinal jacket or Brace Required: Yes  No

Any limitation to full mobilisation: Yes  No  Notes:

Consultant Signature:.....

**NEUROLOGY**

RIGHT	Spinal cord level / Key muscles	LEFT
	L2 Hip Flexion	
	L3 Knee extension	
	L4 Ankle dorsiflexion	
	L5 Toe extension	
	S1 Ankle plantar flexion	

Able to feel urinary catheter: Yes  No

**Patients who are being discharged to ward 4 HDU  
 please ensure the additional checklist on page 17 has been completed prior  
 to discharge from recovery**





**Recovery**

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*** Criteria for ward 4 high dependency post-operative care ***		
Patients undergoing posterior spinal correction and fusion without significant medical co-morbidities Patients with major medical co-morbidities and those undergoing costoplasty <b>or</b> anterior spinal fusion surgery require initial PICU care <b>ADDITIONAL CHECKLIST FOR POSTERIOR SPINAL SURGERY PATIENTS RETURNING TO WARD 4 HDU</b>		
<b>RECOVERY STAFF TO COMPLETE</b>	<p>PEWS chart commenced <input type="checkbox"/></p> <p>Recovery discharge criteria met (or variances documented) <input type="checkbox"/></p> <p>A 90 minute <b>minimum</b> stay in theatre recovery complete <input type="checkbox"/></p> <p>Anaesthetist's checklist completed <input type="checkbox"/></p> <p>Escalation plan completed with contact details <input type="checkbox"/></p>	<p>Time of arrival in recovery ..... : .....</p>  <p>Time of discharge from recovery ..... : .....</p>
<b>ANAESTHETIST TO COMPLETE</b>	<p>Drug chart completed as per Enhanced Recovery Pain Pathway <input type="checkbox"/></p> <p>Post op blood results (FBC, Co-ag, U+E, ABG) reviewed by anaesthetist and acted on, as appropriate before arterial line removed <input type="checkbox"/></p> <p>Any blood or fluid bolus completed and the patient reassessed <input type="checkbox"/></p> <p>Physiological criteria for further fluid bolus, and suggested prescription clearly documented <input type="checkbox"/></p> <p>Blood transfusion trigger clearly documented <input type="checkbox"/></p> <p>Individual variances to parameters <b>clearly</b> documented on PEWS <input type="checkbox"/></p> <p>SBAR handover of patient to ward staff nurse, surgical nurse practitioner and FY doctor <input type="checkbox"/></p> <p>Patient is ready for discharge from recovery, and are still suitable for ward nursing care <input type="checkbox"/></p>	<p>Hb..... Na..... K..... Plat.....</p> <p>APPT..... PT..... FIB.....</p>  <p><b>Anaesthetist Signature:</b></p> <p>.....</p> <p><b>Print:</b></p> <p>.....</p>
<b>ESCALATION PLAN</b>	<p><b>Clinical issues: contact:</b></p> <p>On-call Spinal Consultant Via Switchboard</p> <p>Surgical Nurse Practitioners bleep <b>9105</b></p> <p>Clinical Co-ordinator bleep <b>9278</b></p> <p><b>Pain management or nausea / vomiting issues contact:</b></p> <p>Pain Nurse Specialist bleep <b>9240</b></p> <p>On-call anaesthetist bleep <b>9152</b></p>	<p><b>On-call anaesthetic consultant (1<sup>st</sup> post op night only):</b></p> <p>Dr _____</p> <p>Tel: _____</p> <p style="color: red;"><b>If PEWS score is 5 or greater, consider PET call (2222) if unable to get senior clinical review.</b></p>



**Day of Surgery (Day 0)**

<b>Patient Label</b>
Name
Date of Birth
Unit no.
CHI

..... / ..... / ..... / 20.....  
 (day) (date) (month) (year)

**Each entry MUST BE ACKNOWLEDGED**

Time of arrival in HDU / ITU / Ward .... : .... **(Transfer to CIS if required)**

Clinical Heading	Goals and tasks	Initial	
		Day	Night
Oxygen	O <sub>2</sub> saturations maintained >92% Facial O <sub>2</sub> required Yes <input type="checkbox"/> No <input type="checkbox"/> Face Mask <input type="checkbox"/> Nasal Cannula <input type="checkbox"/> O <sub>2</sub> .....litres		
Observations	<b>(HDU Level Care)</b> Blood pressure / Pulse / Respirations / O <sub>2</sub> saturations ½ hourly, temperature 4 hourly on PEWS chart <b>(Special Care Level)</b> Pulse / Respirations / O <sub>2</sub> saturations ½ hourly, blood pressure 1-2 hourly, temperature 4 hourly on PEWS chart		
Circulation	IV fluid bolus (s) required Yes <input type="checkbox"/> No <input type="checkbox"/> <b>Fluid type</b> ..... mls..... <b>Fluid type</b> ..... mls..... <b>Fluid type</b> ..... mls.....		
IV access	<b>PVC Bundle Updated</b> Yes <input type="checkbox"/> <b>CVC Bundle Updated</b> Yes <input type="checkbox"/> N/A <input type="checkbox"/> <b>(on TRAK)</b>		
Pain Management / Medicine	Enhanced Recovery Analgesia Plan completed Yes <input type="checkbox"/> Fentanyl patch applied at <b>22.00</b> and <b>Monitoring Chart Completed</b> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Pain scoring documented on continuous infusion / PCA paperwork		
Urine output	Urine output monitored and maintained >0.5mls / kg / hour Yes <input type="checkbox"/> No <input type="checkbox"/>		
Drain(s)	Wound drain Yes <input type="checkbox"/> No <input type="checkbox"/> Losses documented Yes <input type="checkbox"/> N/A <input type="checkbox"/> Chest drain Yes <input type="checkbox"/> No <input type="checkbox"/> Unclamped patent and secure Yes <input type="checkbox"/> N/A <input type="checkbox"/> Chest drain chart completed Yes <input type="checkbox"/> N/A <input type="checkbox"/> Peripheral nerve infusion charted Yes <input type="checkbox"/> N/A <input type="checkbox"/>		
Wound / Skin care	Dressing dry & intact Yes <input type="checkbox"/> No <input type="checkbox"/> Pressure areas checked and position changed regularly Yes <input type="checkbox"/>		
Neurology	Neurological checks according to <b>pg 18</b>		
Anti Embolism Therapy	TED Stockings and Pneumatic Compression Boots in situ Yes <input type="checkbox"/> No <input type="checkbox"/>  <b>**ALL PATIENTS REQUIRE**</b> <b>FBC <input type="checkbox"/> U&amp;E's <input type="checkbox"/> LFTs <input type="checkbox"/> Co-ag <input type="checkbox"/> to be obtained by night staff SN / FY</b>		
Mobility	As per surgeons instructions <b>Glamorgan Tool updated (on TRAK)</b> Yes <input type="checkbox"/>		
Nutrition	Tolerating diet and fluids Yes <input type="checkbox"/>		

<b>Issues for consideration</b>
<ul style="list-style-type: none"> <li>Senior review if 3 or more fluid boluses are required</li> <li>Pain well managed</li> </ul>

<b>Variations: All staff to identify &amp; record variations</b>					
List of variance types and their code letter (Var. code)					
A. Patient / relative/ carer		B. Clinical staff		C. Hospital system	
D. Community / external					
Date	Description of issue	Reason	Action	Var. Code	Initials
/					
/					

**\*\*COMMUNITY NURSE REFERRAL TO BE COMMENCED\*\***



**Post-operative Day 1**

**Patient Label**

Name  
Date of Birth  
Unit no.  
CHI

..... / ..... / ..... / 20.....  
(day) (date) (month) (year)

**Each entry MUST BE ACKNOWLEDGED**

Clinical Heading	Goals and tasks	Initial	
		Day	Night
Oxygen	O <sub>2</sub> saturations maintained >92% Facial O <sub>2</sub> required Yes <input type="checkbox"/> No <input type="checkbox"/> Face mask <input type="checkbox"/> Nasal Cannula <input type="checkbox"/> O <sub>2</sub> ..... Litres		
Observations	<b>(HDU Level Care)</b> Pulse / Respirations / O <sub>2</sub> saturations / Blood pressure ½ hourly / temperature 4 hourly on PEWS chart <b>(Special Care Level)</b> Pulse / Respirations / O <sub>2</sub> saturations ½ hourly / blood pressure 1 hourly <b>(whilst on morphine)</b> / temperature 4 hourly on PEWS chart <b>Re-grade PEWS once stepped down from HDU level to S/C level or from S/C level to ward level as clinical condition allows</b>		
Circulation	Patient tolerating oral fluids Yes <input type="checkbox"/> Fluid balance documented Yes <input type="checkbox"/> IV fluids discontinued at <b>09.00</b> Yes <input type="checkbox"/> No <input type="checkbox"/>		
IV access	<b>PVC Bundle Updated</b> Yes <input type="checkbox"/> <b>CVC Bundle Updated</b> Yes <input type="checkbox"/> N/A <input type="checkbox"/> <b>(on TRAK)</b>		
Pain management	Medication prescribed as per Enhanced Recovery Analgesia Plan Yes <input type="checkbox"/> Morphine / PCA discontinued at <b>09.00</b> Yes <input type="checkbox"/> Pain scoring documented on <b>pg 9/10</b> <b>Fentanyl Monitoring Chart updated</b> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Parents / Patient happy with pain management Yes <input type="checkbox"/> No <input type="checkbox"/>		
Urine Output	Urine output assessment completed by SNP / FY Yes <input type="checkbox"/> Catheter removed at <b>12.00</b> Yes <input type="checkbox"/> Passed urine post removal Yes <input type="checkbox"/> If <b>NO</b> refer to <b>pg 23/24</b>		
Drain(s)	Wound drain Yes <input type="checkbox"/> No <input type="checkbox"/> Losses documented on fluid balance chart Yes <input type="checkbox"/> N/A <input type="checkbox"/> Chest drain Yes <input type="checkbox"/> No <input type="checkbox"/> Losses documented on chest drain chart Yes <input type="checkbox"/> N/A <input type="checkbox"/> PNC Yes <input type="checkbox"/> No <input type="checkbox"/> PNC observation chart completed Yes <input type="checkbox"/> N/A <input type="checkbox"/>		
Wound / Skin care	Dressing dry & intact Yes <input type="checkbox"/> No <input type="checkbox"/> Pressure areas checked and position changed 2 hourly Yes <input type="checkbox"/>		
Bowels	Commence laxatives at <b>08.00</b> Yes <input type="checkbox"/>		
Neurology	Neurological checks according to neurological chart guidelines <b>pg 18</b>		
Anti Embolism Therapy	TED stockings and Pneumatic Compression Boots is situ Yes <input type="checkbox"/> No <input type="checkbox"/>		
Mobility	<b>Glamorgan Tool Updated (on TRAK)</b> Yes <input type="checkbox"/> Aim to sit in chair Yes <input type="checkbox"/>		
Nutrition	Encourage with diet and fluids Aiming for >1000ml over the day		

**Issues for consideration**

- Pain well managed
- Patient well hydrated – Consider need for IV Fluids
- Passed urine post removal of catheter – if not consider bladder scanner and review

**If Blood Transfusion required Documentation for Transfusion of Blood Components Commenced**

**\*\*COMMUNITY NURSE REFERRAL TO BE COMMENCED / UPDATED\*\***

Patient Label	
Name	
Date of Birth	
Unit no.	
CHI	

**Post-operative Day 1**

..... / ..... / ..... / 20.....  
 (day) (date) (month) (year)

**CONSULTANT** notes for post-operative day 1

Bowel Sounds Yes  No

Repeat bloods required Yes  No

**NEUROLOGY**

RIGHT	Spinal cord level / Key muscles	LEFT
	L2 Hip Flexion	
	L3 Knee extension	
	L4 Ankle dorsiflexion	
	L5 Toe extension	
	S1 Ankle plantar flexion	

Consultant Signature:.....

Able to feel urinary catheter Yes  No

SNP / FY1 / FY2 URINE OUTPUT ASSESSMENT		Initial
Urine Output 08.00 - 12.00	.....mls / kg	
Tolerating diet and fluids	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Significant vomiting	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Mobilised to chair at least once	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Hb >8	Yes <input type="checkbox"/> No <input type="checkbox"/>	
Catheter for removal	Yes <input type="checkbox"/> No <input type="checkbox"/>	

BLOOD RESULTS DAY 1					
U+Es		FBC		Co-Ag	
Urea		Hb		Plat	
Na		WCC		APPT	
K		Neutro		PT	
Cl		Lymph		Fibrin	
Creat				Initial	

**MEDICAL** notes for post-operative day 1

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**NURSING** notes for post-operative day 1

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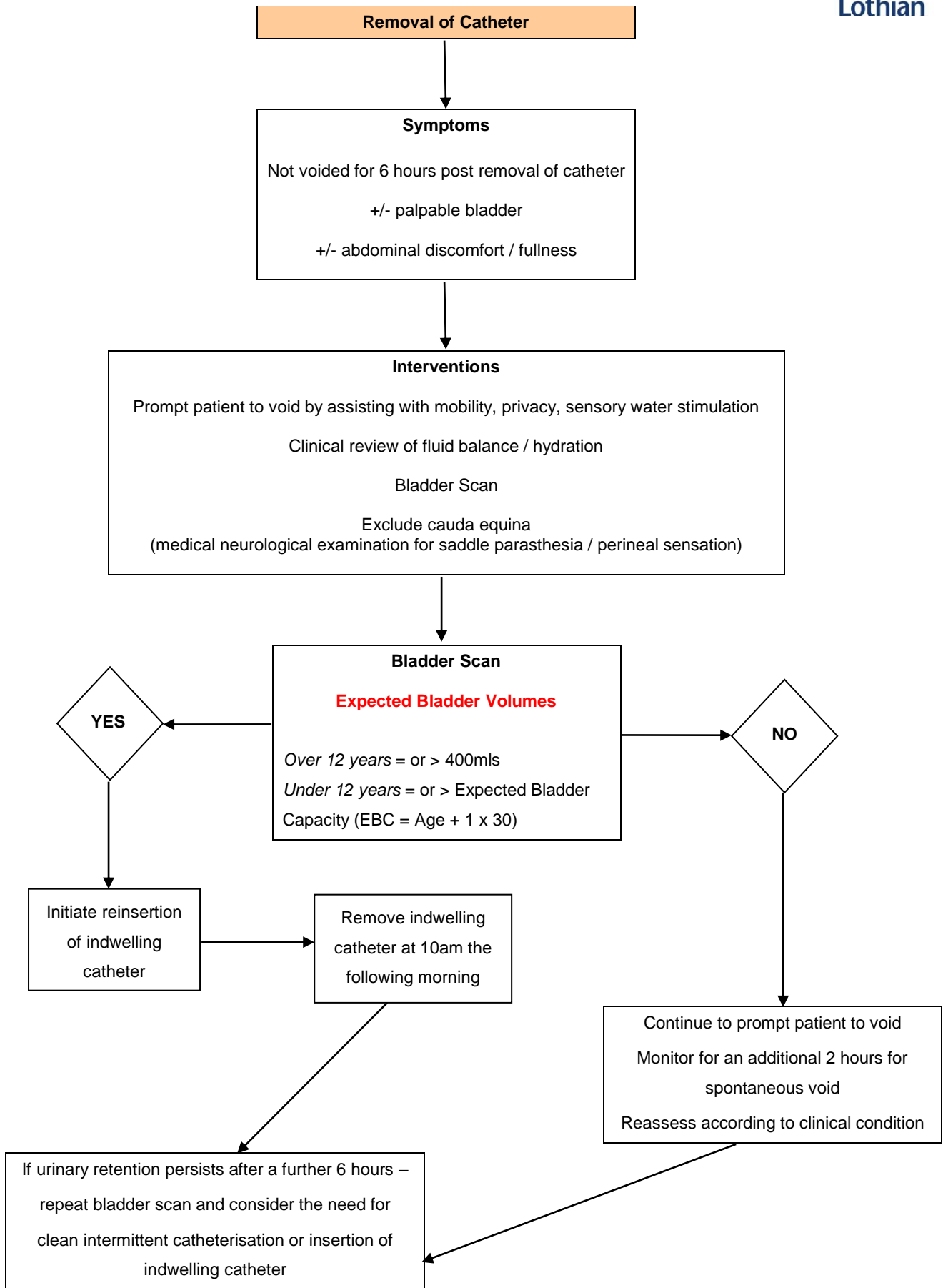
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**Variations: All staff to identify & record variations**

List of variance types and their code letter (Var. code)

A. Patient / relative/ carer		B. Clinical staff	C. Hospital system	D. Community / external	
Date	Description of issue	Reason	Action	Var. Code	Initials
/					
/					

**Standard Clinical Pathway for Post-operative Urinary Retention following Posterior Spinal Fusion**







**Paediatric Physiotherapy Service - Post-operative Assessment**

<b>Patient Label</b>
Name
Date of Birth
Unit no.
CHI

..... / ..... / ..... / 20.....  
 (day) (date) (month) (year)

Signature..... Print..... Contact Details.....

<b>SUBJECTIVE ASSESSMENT:</b>	
<b>Date / Time / Consent:</b>	
<b>Surgical procedure &amp; date:</b>	
<b>Post-operative instructions:</b>	
<b>Other information:</b>	
<b>OBJECTIVE ASSESSMENT:</b>	
<b>Therapy Handling Risk Assessment:</b>	1a <input type="checkbox"/> , 1b <input type="checkbox"/> , 1c <input type="checkbox"/> , 2a <input type="checkbox"/> , 2b <input type="checkbox"/> , 3a <input type="checkbox"/> , 3b <input type="checkbox"/> , 4a <input type="checkbox"/> , 4b <input type="checkbox"/> , 5 <input type="checkbox"/> , 6 <input type="checkbox"/> , 7a <input type="checkbox"/> , 9 <input type="checkbox"/> considered
<b>Position:</b>	
<b>Respiratory Status:</b>	<p><b>Ventilation:</b>                  Self ventilating: Yes <input type="checkbox"/> RR..... SpO<sub>2</sub>.....</p> <p><b>Breathing Pattern:</b></p> <p><b>Auscultation:</b></p> <p><b>Palpation:</b></p> <p><b>Cough:</b> Yes <input type="checkbox"/> No <input type="checkbox"/>      Strength: Strong <input type="checkbox"/> Moderate <input type="checkbox"/> Weak <input type="checkbox"/> N/A <input type="checkbox"/>                  Effective: Yes <input type="checkbox"/> No <input type="checkbox"/>      <input type="checkbox"/> Not Assessed <input type="checkbox"/></p> <p><b>Sputum Comment:</b></p>
<b>Cardiovascular Status:</b>	<b>DOCUMENTED ON PEWS CHART</b>
<b>Lines / Drains:</b>	
<b>Medications:</b>	
<b>Musculoskeletal:</b>	<p><b>Cervical spine ROM:</b> Passive <input type="checkbox"/> Auto Assisted <input type="checkbox"/> Active <input type="checkbox"/></p> <p><b>Cervical spine:</b> Rotation                  Side flexion                  Flexion</p> <p><b>Upper limb:</b> Shoulder elevation through flex</p> <p><b>Lower limb:</b></p> <p><b>Comments:</b></p>

**Paediatric Physiotherapy Service - Post-operative Assessment**

Patient Label	
Name	
Date of Birth	
Unit no.	
CHI	

..... / ..... / ..... / 20.....  
 (day) (date) (month) (year)

Signature..... Print..... Contact Details.....

LEFT			Spinal Cord Level/ Key Muscles	RIGHT		
ROM	POWER	SENS		ROM	POWER	SENS
			<b>C5</b> – Elbow Flexors			
			<b>C6</b> – Wrist Extensors			
			<b>C7</b> – Elbow Extensors			
			<b>C8</b> – Finger Flexors			
			<b>T1</b> – Finger Abductors			
			<b>L2</b> – Hip Flexion			
			<b>L3</b> – Knee Extension			
			<b>L4</b> – Ankle Dorsi-flexion			
			<b>L5</b> – Great Toe Extension			
			<b>S1</b> – Ankle Plantar Flexion			
			<b>S2</b> – Knee Flex			

PHYSIOTHERAPY POST-OPERATIVE TREATMENT / ADVICE	
<b>Chest PT:</b>	
<b>Exercises:</b>	
<b>Bed Mobility / Transfers / Walking Status / Mobility:</b> (if applicable)	
<b>Any additional Rx:</b>	
<b>ANALYSIS:</b>	
<b>PLAN:</b>	

CARE PLAN	PROBLEM LIST	GOALS	PLAN



**Post-operative Day 2**

Patient Label	
Name	
Date of Birth	
Unit no.	
CHI	

..... / ..... / ..... / 20.....  
 (day) (date) (month) (year)

**Each entry MUST BE ACKNOWLEDGED**

Clinical Heading	Goals and tasks	Initial	
		Day	Night
Observations	PEWS recorded and re-graded appropriately as condition allows		
Circulation	Adequate oral intake Yes <input type="checkbox"/> No <input type="checkbox"/> IV fluids required Yes <input type="checkbox"/> No <input type="checkbox"/>		
IV access	<b>PVC Bundle Updated</b> Yes <input type="checkbox"/> <b>CVC Bundle Updated</b> Yes <input type="checkbox"/> N/A <input type="checkbox"/> ( <b>on TRAK</b> ) IV access for removal Yes <input type="checkbox"/> No <input type="checkbox"/> <i>Review all IV access</i>		
Pain Management	Medication prescribed and given as per Enhanced Recovery Analgesia Plan Yes <input type="checkbox"/> <b>Fentanyl Patch Monitoring Chart updated</b> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Pain scoring documented on <b>pg 9/10</b> Parents / Patient happy with pain management Yes <input type="checkbox"/> No <input type="checkbox"/>		
Urine output	Passing urine freely Yes <input type="checkbox"/> If urinary catheter remains <i>insitu</i> review need for ongoing IV fluids		
Drain(s)	Wound drain Yes <input type="checkbox"/> No <input type="checkbox"/> Wound drain for removal Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Chest drain Yes <input type="checkbox"/> No <input type="checkbox"/> Chest drain for removal Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>  Peripheral nerve infusion to be discontinued Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		
Wound / Skin Care	Dressing dry and intact Yes <input type="checkbox"/> No <input type="checkbox"/>		
Bowels	Bowels open Yes <input type="checkbox"/> No <input type="checkbox"/> Sodium Picosulfate discontinued Yes <input type="checkbox"/> No <input type="checkbox"/>		
Anti-Embolism Therapy	Remove if mobile Yes <input type="checkbox"/>		
Mobility	<b>Glamorgan Tool Updated (on TRAK)</b> Yes <input type="checkbox"/> Mobilise with assistance Yes <input type="checkbox"/>		
Nutrition	Encourage diet and fluids <b>Consider offering oral supplemental drinks</b>		

**Issues for consideration**

- Pain well managed
- Diet and fluid intake adequate
- Encourage mobility

**If Blood Transfusion required Documentation for Transfusion of Blood Components Commenced**

**NURSING** notes for post-operative day 2

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**\*\*COMMUNITY NURSE REFERRAL TO BE COMMENCED / UPDATED \*\***



**Paediatric Physiotherapy Service**

Name  
Date of Birth  
Unit no.  
CHI

..... / ..... / ..... / 20.....  
*(day) (date) (month) (year)*

**Signature..... Print..... Contact Details.....**

**PHYSIOTHERAPY** notes for post-operative day 2

Large blue-lined area for notes.

**Post-operative Day 3**

<b>Patient Label</b>
Name
Date of Birth
Unit no.
CHI

..... / ..... / ..... / 20.....  
 (day) (date) (month) (year)

**Each entry MUST BE ACKNOWLEDGED**

Clinical Heading	Goals and tasks	Initial	
		Day	Night
Observations	PEWS regraded a clinical condition allows		
IV access	<b>PVC Bundle Updated</b> Yes <input type="checkbox"/> <b>CVC Bundle Updated</b> Yes <input type="checkbox"/> N/A <input type="checkbox"/> (on TRAK) IV access removed Yes <input type="checkbox"/> No <input type="checkbox"/>		
Pain Management	Medication prescribed and given as per Enhanced Recovery Analgesia Plan Yes <input type="checkbox"/> <b>Fentanyl Monitoring Chart Updated</b> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Pain scoring documented on <b>pg 9/10</b> Parents / Patient happy with pain management Yes <input type="checkbox"/> No <input type="checkbox"/>		
Drain	Wound drain Yes <input type="checkbox"/> No <input type="checkbox"/> Wound drain for removal Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/> Chest drain Yes <input type="checkbox"/> No <input type="checkbox"/> Chest drain for removal Yes <input type="checkbox"/> No <input type="checkbox"/> N/A <input type="checkbox"/>		
Wound / skin care	Wound dressing removed if patient showered Yes <input type="checkbox"/> No <input type="checkbox"/> Wound intact Yes <input type="checkbox"/> No <input type="checkbox"/>		
Bowels	Bowels opened Yes <input type="checkbox"/> No <input type="checkbox"/> Sodium Picosulfate discontinued Yes <input type="checkbox"/> No <input type="checkbox"/>		
Mobility	<b>Glamorgan Tool updated (on TRAK)</b> Yes <input type="checkbox"/> Encourage independent mobility		
Nutrition	Encourage with diet and fluids <b>Consider offering oral supplemental drinks</b> <b>Update PYMS Chart (on TRAK)</b> Yes <input type="checkbox"/> No <input type="checkbox"/> <b>Consider dietician referral</b>		
Discharge	Commence pre-discharge checklist on <b>pg 37</b>		

<b>Issues for consideration</b>
<ul style="list-style-type: none"> <li>Diet and fluid intake adequate</li> <li>Encourage mobility</li> <li>Shower</li> </ul> <p style="text-align: center;"><b>Consider commencing discharge script</b></p>

<b>NURSING</b> notes for post-operative day 3

<b>Variances: All staff to identify &amp; record variances</b>					
List of variance types and their code letter (Var. code)					
A. Patient / relative / carer		B. Clinical staff		C. Hospital system	
D. Community / external					
Date	Description of issue	Reason	Action	Var. Code	Initials
/					
/					

**\*\*COMMUNITY NURSE REFERRAL TO BE UPDATED \*\***

Post-operative Day 3

Name  
Date of Birth  
Unit no.  
CHI

..... / ..... / ..... / 20.....  
(day) (date) (month) (year)

CONSULTANT notes for post-operative day 3

Anterior fusion: Chest Drain for removal Yes  No  Discontinue PNC Yes  No  Chest X-ray ordered Yes  N/A

Consultant Signature:.....

MEDICAL notes for post-operative day 3

**\*\*COMMENCE IMMEDIATE DISCHARGE LETTER\*\* (SEE PG 37 FOR GUIDANCE)**

PHYSIOTHERAPY notes for post-operative day 3



**Post-operative Day 4**

**Patient Label**

Name  
Date of Birth  
Unit no.  
CHI

..... / ..... / ..... / 20.....  
(day)      (date)      (month)      (year)

**Each entry MUST BE ACKNOWLEDGED**

Clinical Heading	Goals and tasks	Initial	
		Day	Night
Observations	PEWS regraded a clinical condition allows		
IV access	<b>PVC Bundle Updated</b> Yes <input type="checkbox"/> N/A <input type="checkbox"/> <b>CVC Bundle Updated</b> Yes <input type="checkbox"/> N/A <input type="checkbox"/> <span style="color: green;">(on TRAK)</span> IV access remains Yes <input type="checkbox"/> No <input type="checkbox"/>		
Pain Management	Medication prescribed and given as per Enhanced Recovery Analgesia Plan Yes <input type="checkbox"/> <b>Fentanyl Monitoring Chart Updated</b> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Pain scoring documented on <span style="background-color: yellow;">pg 9/10</span> Parents / Patient happy with pain management Yes <input type="checkbox"/> No <input type="checkbox"/>		
Wound / skin care	Wound dry and intact Yes <input type="checkbox"/> Showered Yes <input type="checkbox"/> No <input type="checkbox"/>		
Bowels	Bowels opened Yes <input type="checkbox"/> No <input type="checkbox"/> Sodium Picosulfate discontinued Yes <input type="checkbox"/> No <input type="checkbox"/>		
Mobility	<b>Glamorgan Tool Updated (on TRAK)</b> Yes <input type="checkbox"/> Encourage independent mobility and stairs		
Nutrition	Encourage with diet and fluids - <span style="color: green;">Consider offering oral supplemental drinks</span>		
Discharge	Commence pre-discharge checklist on <span style="background-color: yellow;">pg 37</span>		

**Issues for consideration**

- Post-operative X-ray obtained
- Encourage mobility encouraged to leave ward for a walk
- Re-check transport arrangements

**NURSING** notes for post-operative day 4

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<b>Variations: All staff to identify &amp; record variations</b>					
List of variance types and their code letter (Var. code)					
A. Patient / relative / carer		B. Clinical staff	C. Hospital system	D. Community / external	
Date	Description of issue	Reason	Action	Va.r Code	Initials
/					
/					

**\*\*COMMUNITY NURSE REFERRAL TO BE UPDATED \*\***

**Patient Label**

Name  
Date of Birth  
Unit no.  
CHI

**Post-operative Day 4**

..... / ..... / ..... / 20.....  
*(day) (date) (month) (year)*

**CONSULTANT** notes for post-operative day 4

Consultant Signature:.....

**MEDICAL** notes for post-operative day 4

**\*COMPLETE IMMEDIATE DISCHARGE LETTER AND SEND TO PHARMACY\* (SEE PG 37 FOR GUIDANCE)**

**PHYSIOTHERAPY** notes for post-operative day 4



**Post-operative Day 5**

Patient Label
Name Date of Birth Unit no. CHI

..... / ..... / ..... / 20.....  
 (day) (date) (month) (year)

**Each entry MUST BE ACKNOWLEDGED**

Clinical Heading	Goals and tasks	Initial	
		Day	Night
Observations	PEWS regraded a clinical condition allows		
Pain Management	Medication prescribed and given as per Enhanced Recovery Analgesia Plan Yes <input type="checkbox"/> <b>Fentanyl Monitoring Chart updated</b> Yes <input type="checkbox"/> N/A <input type="checkbox"/> Pain scoring documented on <b>pg 9/10</b> Parents / Patient happy with pain management Yes <input type="checkbox"/> No <input type="checkbox"/>		
Wound / skin care	Wound dry and intact Yes <input type="checkbox"/>		
Bowels	Bowels opened Yes <input type="checkbox"/> No <input type="checkbox"/> <b>Consider phosphate enema</b>		
Mobility	<b>Glamorgan Tool Updated (on TRAK)</b> Yes <input type="checkbox"/> Encourage independent mobility Yes <input type="checkbox"/>		
Nutrition	Encourage with diet and fluids <b>Consider offering oral supplemental drinks</b> <b>Update PYMS Chart (on TRAK)</b> Yes <input type="checkbox"/> No <input type="checkbox"/> <b>Consider dietician referral</b>		
Discharge	Completed pre-discharge checklist on <b>pg 37</b>		

Issues for consideration
<ul style="list-style-type: none"> <li>Order discharge medication</li> <li>Re-check transport arrangements</li> <li>Community nurse referral finalised</li> </ul>

NURSING notes for post-operative day 5

Variances: All staff to identify & record variances					
List of variance types and their code letter (Var. code)					
A. Patient / relative / carer		B. Clinical staff	C. Hospital system	D. Community / external	
Date	Description of issue	Reason	Action	Var. Code	Initials
/					
/					

\*\*COMMUNITY NURSE REFERRAL TO BE FINALISED\*\*

**Post-operative Day 5**

Name  
Date of Birth  
Unit no.  
CHI

..... / ..... / ..... / 20.....  
(day) (date) (month) (year)

**CONSULTANT** notes for post-operative day 5

Consultant Signature:.....

**MEDICAL** notes for post-operative day 5

Blank lined area for medical notes.

**PHYSIOTHERAPY** notes for post-operative day 5

Large blue-lined area for physiotherapy notes.

**Pre Discharge Day Checklist**

<b>Patient Label</b>
Name
Date of Birth
Unit no.
CHI

..... / ..... / ..... / 20.....  
 (day) (date) (month) (year)

**Each entry MUST BE ACKNOWLEDGED**

Clinical Heading	Goals and Tasks	Initial
Wound	Checked prior to discharge Yes <input type="checkbox"/> Describe.....	
Bowels	Bowels opened prior to discharge Yes <input type="checkbox"/> No <input type="checkbox"/>	
Medication	Fentanyl Patch Removed Yes <input type="checkbox"/> No <input type="checkbox"/> <b>Fentanyl Monitoring Chart updated</b> Yes <input type="checkbox"/> <i>(If discharged prior to day 5 – analgesia to remain as Enhanced Recovery Pathway and Patient Information Leaflet to be given Yes <input type="checkbox"/>)</i>	

**\*\*DISCHARGE WEIGHT:.....\*\*** (Staff signatures:..... / .....) )

**\*\*TRANSPORT ARRANGEMENTS RECHECKED AND SATISFACTORY\*\*** Yes  No  *(If 'NO' comment below)*

DISCHARGE MEDICATION		
Medication	Dose	Frequency / Duration
Paracetamol		
Ibuprofen / Diclofenac		
Codeine Phosphate		
Tramadol		
Oral Morphine Solution / Sevredol		
Gabapentin (anterior spinal fusion, costoplasty, previous pain model)		
Lactulose		
Ferrous Sulphate / Sytron (If Hb less than 85 or otherwise indicated)		30 days <i>(Advise parents / patient to make GP apt. in 4 weeks for repeat Hb)</i>

**\*\*PLEASE CHECK DRUG KARDEX FOR ANY ADDITIONAL MEDICATION THAT MAY BE REQUIRED FOR DISCHARGE\*\***

POST-OPERATIVE ADVICE DISCUSSED WITH PARENTS / CHILD		
Issue	Consider	Initial
Pain	Expectations	
Wound	Signs of infection How to seek advice	
Mobility	Encourage Limitations	
Nutrition	Well balanced diet	
Other		

**Should a discharge be delayed – specify reason(s) and continue on regular ward documentation**

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**Patient Label**

Name  
Date of Birth  
Unit no.  
CHI

**Discharge Day**

..... / ..... / ..... / 20.....  
*(day) (date) (month) (year)*

**CONSULTANT** notes for discharge day

[Empty space for Consultant notes]

**NURSING** notes for discharge day

[Empty space for Nursing notes]

**MEDICAL** notes for discharge day

[Empty space for Medical notes]

**PHYSIOTHERAPY** notes for discharge day

[Large empty space for Physiotherapy notes]

**Discharge Day**

<b>On admission</b>	<b>Patient Label</b>	<b>Admission date</b>		<b>Time</b>		
	Name Date of Birth Unit no. CHI	<b>Admitted by</b>		<b>Signed</b>		
		<b>Expected Date of Discharge (EDD)</b>		<b>EDD on Trak</b>	Yes <input type="checkbox"/>	
		<b>Lead Professional</b>			None <input type="checkbox"/>	
<b>During hospital stay</b>	Discharge Type Simple <input type="checkbox"/> Pre-planned <input type="checkbox"/> Complex <input type="checkbox"/> Care pathway in use					
	<b>Referrals or contacts made</b>	<b>Date</b>	<b>No need</b>	<b>Date</b>	<b>No need</b>	
	Lead Professional			Social Work		
	Named Person: Midwife/Health Visitor/Head Teacher			Follow-up appointments		
	Community Children's Nurse			Date Ambulance booked		
	School Nurse			Date of Ambulance transport and ref number		
	Therapies (detail below)			Discharge prescription done		
	Other referrals (detail below):			Discharge medication on ward		
	Notes			Cannula removed		
	Advice and information given					
<b>On day of departure</b>	<b>Family discharge checklist. Please use this to check your child's discharge plan. Do you:</b>			<b>Yes</b>	<b>No</b>	<b>No need</b>
	Understand his/her condition and treatment, and any care needed at home					
	Know when s/he can return to normal activities and to school					
	Know how to seek advice if you have concerns after discharge					
	Have the Discharge letter					
	Have the medicines your child will need					
	Understand how to give the medicines and where to get further supplies					
	Know about any follow-up appointments					
	Discharge telephone no		Discharge address as label?			
	Discharge address if different					
Any comments about your child's discharge plan						
<b>Parent/carer name:</b>		<b>Signed:</b>		<b>Relationship:</b>		
<b>Discharged by</b>		<b>Position</b>				
<b>Date &amp; time</b>		<b>Signed</b>				

**Spinal Surgery Enhanced Recovery Pathway**

Patient Label	
Name	
Date of Birth	
Unit no.	
CHI	

KEY TO INITIALS OF ALL STAFF COMPLETING THIS ICP					
Print name	Designation	Initials	Signature	Contact Number	Date
26.					
27.					
28.					
29.					
30.					
31.					
32.					
33.					
34.					
35.					
36.					
37.					
38.					
39.					
40.					
41.					
42.					
43.					
44.					
45.					
46.					
47.					
48.					
49.					
50.					

*Medical Research Council (1976) Aids to examination of the peripheral nervous system. London: HMSO.*