

## High severity, Low Likelihood risks

Group/ Directorate	No:	Risk Statement	Controls In Place	Severity	Likelihood	Action Details	Target Date of action	Department	Last Review Date	Next Review Date	Review Frequency	Status
Corporate Nursing Services	2930	This risk assessment is to facilitate the cross site out of hours haematology/blood transfusion service		5 Catastrophic	1 Rare			Blood Transfusion (S)	04/04/2019	03/04/2020	Annually	Live (Monitor)
Estates & New Hospital Project	3662	Uncontrolled exposure to anaesthetic agents during their use/handling/storage/disposal can significantly harm health of staff and others	Policy/ Procedure/ System	5 Catastrophic	2 Unlikely	Ensure provision of PPE and to ensure all vapours have been dissipated before removal of the waste	06/12/2019	Waste Services (C)	30/10/2019	29/10/2020	Annually	Live (with Action)
Medicine & Emergency Care	2160	There is a risk that cardiac rhythm downloads from pacemaker and complex implantable rhythm management devices, are not being analysed in a timely fashion, as a result of staffing shortages. This may result in life threatening arrhythmias remaining untreated and device malfunctions remaining undetected, which could result in serious harm to patients or even death.	Staff	5 Catastrophic	2 Unlikely	To recruit additional agency member of staff to assist with the remote clinics	29/02/2020	Cardiology Diagnostics Service	19/11/2019	20/05/2020	Six-Monthly	Live (with Action)
Medicine & Emergency Care	2369	There is a risk that inappropriate usage, exposure and storage of hazardous substances, may result in harm to both patients and staff.	Policy/ Procedure/ System	5 Catastrophic	1 Rare			Cardiology Diagnostics Service	11/11/2019	08/02/2022	Biennially	Live (Monitor)
Surgery	1466	Fire/Explosion on critical care - increased level of risk related to reduced egress from unit due to nature of patients and no lateral evacuation option from back of unit, no internal fire walls.		5 Catastrophic	1 Rare	MMH potential completion 2022	01/04/2022	Critical Care (S)	15/10/2019	14/10/2020	Annually	Live (with Action)
Women & Child Health	2203	There may be a lack of availability of the emergency theatre team, to meet the needs of emergency cases on delivery suite, owing to elective theatre cases exceeding the allocated time (8am -1 pm) . Elective team provided 8-1 alongside the emergency team. After this time single emergency team is available the impact of which may be delay in emergency care leading to an adverse outcome. MERGED with Risk 119 Risk initially RED, downgraded to AMBER due to reduced frequency. 13.08.18 - Risk downgraded to Green due to reduced frequency.	Policy/ Procedure/ System	5 Catastrophic	2 Unlikely	Meeting held 07.10.19 to discuss the current position	07/10/2019	Maternity Theatres	19/09/2019	19/11/2019	Bi-Monthly	Live (Monitor)
Corporate Operations	2726	Use of physical restraint may result in major injury/fatality of those being restrained and injury to those carrying out the restraint.	Training/ Info/ Authorise	5 Catastrophic	2 Unlikely	Cameras to be ordered together with IT to enable process of data.	31/03/2020	Security (C)	14/08/2019	13/08/2020	Annually	Live (With Actions)
Corporate Operations	3216	There is a potential risk for Fuel loss either locally or nationally which would impact significantly on the Trust. With potential impact on supply of vital equipment, provision of essential services, patient discharges, patient access to services including attendance to Outpatients appointments, staff access and egress to work, communication, financial income.	Policy/ Procedure/ System	5 Catastrophic	2 Unlikely	consider electrical vehicle strategy as part of controls	31/12/2020	Emergency Planning	05/06/2019	04/06/2020	Annually	Live (With Actions)
Corporate Operations	3218	There is a potential risk that a Chemical, Biological, Radiological and Nuclear / Hazardous Materials (HAZMAT) incident could effect the Trust, causing harm to patients and staff.	Personal Protective Equipment	5 Catastrophic	2 Unlikely	Rota and release staff (nursing and medical) to attend the monthly Major Incident training that is put on in both EDs	31/03/2020	Emergency Planning	13/11/2019	12/11/2020	Annually	Live (With Actions)

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Corporate Operations	3376	Trust wide - Risk that safe staffing levels cannot be maintained because of the risk to security officers carrying out their duties, confronting violent patients, visitors or trespassers some with weapons, some with blood borne viruses or other communicable diseases. Risk of harm if manual handling techniques are not adhered to and risk of needle stick injury.	Training/ Info/ Authorise	5 Catastrophic	2 Unlikely	Interview those who express an interest in joining Security Bank, process application, assign to a team and ensure training in line with security officer induction	31/07/2020	Security (C)	14/08/2019	13/08/2020	Annually	Live (With Actions)
Estates & New Hospital Project	2511	EQUIPMENT (MEDICAL) (Gas)  Medical Gas outlets on Priory 4 and Newton 4 (SGH) are at increased risk of damage due to their mounting height. Damage to the oxygen outlet could lead to uncontrolled release of oxygen and therefore a significantly greater fire risk. 90% of all med gas outlets damaged by beds occur on P4 and N4	Training/ Info/ Authorise	5 Catastrophic	2 Unlikely	Relocate the oxygen outlets at a greater height using extensions and med-rail. Access is required (1 bay per day) to complete the work	31/12/2019	Estates (S)	08/10/2019	13/10/2020	Annually	Live (With Actions)
Estates & New Hospital Project	2512	FIRE (Electrical - Equipment - Nurse Call System)  Each ward or patient area has a nurse call system installed to enable patients to summon assistance and staff to alert colleagues. There have been 2 incidents that are confined to one type of system manufactured by 'Static Systems' where a fault has led to a component overheating with the potential to cause ignition and fire.	Inspection/ Audit / Monitor	5 Catastrophic	2 Unlikely	Phased replacement of £50K to replace systems	01/04/2023	Estates Building (C)	29/10/2019	27/01/2020	Quarterly	Live (With Actions)
Estates & New Hospital Project	2727	FLOODING Risk of buildings or facilities becoming unusable due to flooding	Reduction/ Substitute Risk	5 Catastrophic	2 Unlikely	Flood Mitigation Works required at SGH approx. £55k	01/04/2020	Estates Building (C)	11/06/2019	11/12/2019	Six-Monthly	Live (With Actions)
Estates & New Hospital Project	2767	Delay in gaining access to a room that has been barricaded resulting in an individual self-harming or harming another individual.	Policy/ Procedure/ System	5 Catastrophic	2 Unlikely	Review V&A Policy with respect to barricading of doors	31/12/2019	Estates Building (C)	18/09/2019	19/04/2020	Six-Monthly	Live (With Actions)
Estates & New Hospital Project	2815	MES - IT Network (including PACS) not available for equipment to be commissioned. Therefore equipment cannot be commissioned as planned. Imaging equipment being installed within Midland Met up to six months prior to building handover. Appropriate IT systems to the particular rooms affected to be installed in time for these installations and commissioning to take place whilst the building is still a building site.	Estate (Maint/ Repair/New/ Replace	5 Catastrophic	1 Rare	Confirm provision of IT infrastructure via ongoing Trust/new contractor/Siemens meetings.	01/01/2020	MMH Project	31/07/2019	30/07/2020	Annually	Live (With Actions)
Estates & New Hospital Project	2828	To ensure the safety of pedestrians whilst vehicles reversing on site car parks or roadways	Signage	5 Catastrophic	2 Unlikely	Estates to ensure that any work carried out on site that areas are cordoned off and large vehicles are parked away from pedestrian areas. Signage directing traffic is in place	31/12/2020	Waste Services (S)	25/06/2019	25/12/2019	Six-Monthly	Live (With Actions)
Estates & New Hospital Project	2861	Use of motor vehicles (in-house and contracted) in Trust activities may involve collision with pedestrian/vehicle/premises can result in major injury/fatality and damage.	Automatic Alarm/ Warning	5 Catastrophic	1 Rare			Waste Services (C)	21/06/2019	09/04/2020	Six-Monthly	Live (Monitor)

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Estates & New Hospital Project	63	EXTERNAL / INTERNAL FABRIC & STRUCTURE: Neglect through lack of planned maintenance and not responding to damage of the fabric of the estates will lead to determination of buildings, exterior drive and walkways. The estate will become unsafe and hazardous to all users. Serious structural failure or instability could lead to closure / decant of building Likelihood low however effect on business continuity and patient care could be significant.		5 Catastrophic	2 Unlikely	Roadways and pathways changes to City site to support homes England - £700K	01/04/2022	Estates Building (C)	20/06/2019	20/12/2019	Six-Monthly	Live (With Actions)
Estates & New Hospital Project	64	SECURITY: Risk of compromising many of the site infrastructure systems from unauthorised entry to estates plant areas. Potential to interrupt power, water, heating services leading to risk to business continuity and patient harm. Risk of financial loss / loss of business continuity from theft of equipment or valuable infrastructure items ie copper cable.	Prohibited Act/ Practise	5 Catastrophic	2 Unlikely	New access system installation to BTC - installation commencing in May 2019 for completion in March 2020	31/03/2020	Estates Building (C)	29/10/2019	27/01/2020	Quarterly	Live (With Actions)
Estates & New Hospital Project	65	SLIPS, TRIPS & FALLS (From Height) (CORPORATE)  Risk of fall from height leading to serious injury or death of an Trust Estates staff or contractor.	Policy/ Procedure/ System	5 Catastrophic	1 Rare	Liaise with Trust health and safety, review requirement for restrictors and maximum permissible opening (non patient area)	31/12/2019	Estates Building (C)	02/05/2019	01/05/2020	Annually	Live (With Actions)
Estates & New Hospital Project	66	FIRE (CORPORATE)  There is a potential for a fire to start (accidentally or deliberately) and take hold on the Trust site. Fire can result in a catastrophic outcome for services, buildings and individuals.	Policy/ Procedure/ System	5 Catastrophic	2 Unlikely	Fire Damper Review- Main Block SGH - Requires access Review of fire lift requirement	31/12/2019	Estates Building (C)	13/11/2019	11/02/2020	Quarterly	Live (With Actions)
Estates & New Hospital Project	67	ASBESTOS (CORPORATE)  Asbestos is a very hazardous material. It is incorporated in buildings used by the Trust. If asbestos is disturbed, either intentionally or accidentally then asbestos dust/fibre becomes airborne and could be breathed in by anyone there is a risk that the individual could develop a life limiting or lethal condition. The effects are usually of a chronic nature and can take many years show.	Enclosure/ Containment Of Hazard	5 Catastrophic	2 Unlikely	Encapsulation & environmental clean of steam main in SGH boiler house and estates plant room. Cost: £30,000	31/05/2020	Estates Building (C)	08/10/2019	06/01/2020	Quarterly	Live (With Actions)
Estates & New Hospital Project	71	ELECTRICAL (Generators) (CORPORATE) Risk of harm to patients, visitors and staff from failure of standby generation. Risk of loss of lighting, heating. Risk of fire and or explosion from generator malfunction leading to harm or loss of life. Risk of break to business continuity from loss of power leading to reputational and financial harm to the Trust. Risk of electric shock leading to serious injury or death. Risk of hearing damage due to high sound levels in generator rooms.	Inspection/ Audit / Monitor	5 Catastrophic	2 Unlikely	Additional supply from PEG generator required for resilience £150K in 2018/19	31/03/2020	Estates Building (C)	20/06/2019	20/12/2019	Six-Monthly	Live (With Actions)
Estates & New Hospital Project	72	ELECTRICAL (LV System) (CORPORATE)  The low voltage (LV) electrical systems provide electrical power throughout the sites. The risks are failure of the system, which would result in critical life sustaining equipment not functioning and danger to persons working on or near equipment associated with the LV system Risk of serious injury or death to estates staff or contractors from electric shock	Policy/ Procedure/ System	5 Catastrophic	2 Unlikely	Replace LV infrastructure in 2019/20 £200K	31/03/2023	Estates Building (C)	08/10/2019	13/10/2020	Annually	Live (With Actions)

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Estates & New Hospital Project	73	ELECTRICAL - UPS/IPS (CORPORATE) Risk of harm or injury to patients reliant on electrical systems for life support should there be a failure of the electricity supply. It is imperative that electrical power is always available to life sustaining medical equipment being used. Uninterruptable Power Supplies (UPS) and Isolated Power Supplies (IPS) connected to acute clinical areas ensures that there is a reliable electrical power supply when there is a sudden loss of electrical power from the national grid.	Inspection/ Audit / Monitor	5 Catastrophic	2 Unlikely	BMEC theatres do not Have IPS system- Install IPS System to comply with HTM 06-02. Requires Theater shut downs to carry out works. Approx. Cost £ 80k Per Theatre	31/03/2020	Estates Building (C)	20/06/2019	20/12/2019	Six-Monthly	Live (With Actions)
Estates & New Hospital Project	74	ELECTRICAL HV SYSTEMS Risk of serious injury or death of estates staff or contractors due to equipment malfunction or incorrect operation. Risk of fire or explosion of malfunctioning equipment. Risk of serious injury or death of estates staff or external contractors coming into contact with buried HV cables Risk system failure leading to loss of electrical supply with the potential to cause major disruption to clinical services and business continuity.	Training/ Info/ Authorise	5 Catastrophic	2 Unlikely	Replace Oil circuit breakers at SGH with Vacuum Circuit breakers - £200K 2019/20	31/03/2023	Estates Building (C)	29/10/2019	27/01/2020	Quarterly	Live (With Actions)
Estates & New Hospital Project	75	LIFTS (CORPORATE) The Trust is reliant on passenger and goods lifts across the estate. Lift safety features need to be maintained and statutory safety testing must be carried out to ensure reliable function and to safeguard against dangers such as non-levelling of car, doors opening when no car present (interlocks), entrapment, cable breaking and breaks not operating.	Inspection/ Audit / Monitor	5 Catastrophic	2 Unlikely	Replace lift Controllers x 3 & Door gear	31/03/2020	Estates Building (C)	28/10/2019	26/01/2020	Quarterly	Live (With Actions)
Estates & New Hospital Project	76	EMERGENCY LIGHTING Risk of harm or injury to patients, staff or visitors from failure of the emergency lighting system leading to delayed / compromised evacuation. Risk of harm to patients from inability to continue clinical activity in the event of failure of the emergency lighting.	Equip (Maint/ Repair/New/ Replace	5 Catastrophic	1 Rare	Continuation of updated emergency lighting system including luminaires and reporting controls. This will provide an increase to approx 55% coverage.	31/03/2021	Estates Building (C)	28/10/2019	28/04/2020	Six-Monthly	Live (With Actions)
Estates & New Hospital Project	79	PIPED MEDICAL GASES (CORPORATE) Failure to manage and maintain the Piped medical gas system across Trust sites in accordance with HTM02-01 could put patients and staff at risk of harm.	Policy/ Procedure/ System	5 Catastrophic	2 Unlikely	Outlets on P4 and N4 are regularly being damaged by beds being raised under flow meters. Requirement to modify the trunking or fit a stop to prevent bed making contact with equipment plugged into outlets. Damage has led to uncontrolled release of oxygen. Difficulty in getting access to bays due to capacity and Infection control Risk	31/03/2020	Estates Building (C)	29/10/2019	27/01/2020	Quarterly	Live (With Actions)
Estates & New Hospital Project	81	COSHH (WATER SAFETY - LEGIONELLA) (CORPORATE) If the risk from water borne pathogens is not managed then there is a health risk to patients, visitors and staff. There is an absolute legal duty placed on the Trust to manage risk of Legionella	Training/ Info/ Authorise	5 Catastrophic	2 Unlikely	Annual replacement of Calorifiers and water heaters £50k - to 31/3/2023	31/03/2023	Estates Building (C)	21/06/2019	21/12/2019	Six-Monthly	Live (With Actions)

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Estates & New Hospital Project	82	VENTILATION Failure or Poor Maintenance of Critical Ventilation Plant could lead to risk of infection due to air born contaminants.	Equip (Maint/ Repair/New/ Replace	5 Catastrophic	2 Unlikely	Replace McQuay Chiller at SHG serving main theatres.	31/03/2020	Estates Building (C)	13/11/2019	14/05/2020	Six-Monthly	Live (With Actions)
Estates & New Hospital Project	83	SAFE HOT WATER (CORPORATE) Hot water presents a risk of scolding/burning. All trust water outlets must provide water at suitable temperature for its use. All pipework carrying hot water must be controlled so that it is not possible under normal conditions to receive a burn from touching its surface.	Enclosure/ Containment Of Hazard	5 Catastrophic	1 Rare	Replacement of Domestic HWS for Toxicology by 2020 value £250K	01/04/2020	Estates Building (C)	13/11/2019	11/02/2020	Quarterly	Live (With Actions)
Strategy & Governance	2846	There is a risk that the 3PAR storage could fail in the event of power / server failure due to inadequate resilience and the age of the hardware impacting the ability to obtain parts, this could result in an extended service outage for key systems.	Equip (Maint/ Repair/New/ Replac	5 Catastrophic	2 Unlikely	Move data to new storage and close old storage down	31/01/2020	Informatics (C)	11/12/2019	10/03/2020	Quarterly	Live (With Actions)
Strategy & Governance	3165	There is a risk that lack of reliable data inputted to TARN audit because of team capacity does not allow adequate review of the Trauma service at City hospital and as a consequence the unit may be downgraded	Staff	5 Catastrophic	2 Unlikely	create quick reference guides for the common issues	31/12/2019	Clinical Effectiveness	09/10/2019	07/01/2020	Quarterly	Live (With Actions)
Surgery	1435	Use of Dexamethasone in current formulation, potential risk of neurotoxicity,	Reduction/ Substitution Of Risk	5 Catastrophic	1 Rare	Ensure appropriate Consent process	02/07/2018	Pain Services (C)	05/12/2018	05/12/2019	Annually	Live (With Actions)
Women & Child Health	2639	The Interface between Pathology and BadgerNet has failed in testing, impacting on lack of failsafe for reviewing and acknowledging of results of tests taken. Failure or delay to identify and action abnormal results which may result in failure or delay in initiating further diagnostic testing or treatment. There is a potential for harm to unborn baby, mother and quality of service delivery. There is a risk of adverse media publicity and to the reputation of the Trust.	Policy/ Procedure/ System	5 Catastrophic	1 Rare	To test new interface when available and undertake user acceptance testing. Testing currently in progress.	25/12/2019	Ante-Natal (C)	18/09/2019	19/03/2020	Six-Monthly	Live (With Actions)
Women & Child Health	2967	There is a risk that patient care will be compromised due to a reduced number of staff being available due to vacancies and / or sickness	Staff	5 Catastrophic	2 Unlikely	Improve retention - Appointment of Paediatric Educator, resilience training for staff, restorative supervision and staff engagement events	29/02/2020	Lyndon 1	30/11/2019	30/12/2019	Monthly	Live (With Actions)
Women & Child Health	2972	When the new electronic prescribing system (Unity) goes live, there will be a risk for administration and dosing errors due to nurse or administrator presented with only the dose of the medication to be given. There will be no weight or calculation used to determine the dose presented, and Lack of electronic drug and infusion prescription in EPR for Neonates and not integrating existing electronic prescription excel sheets	Policy/ Procedure/ System	5 Catastrophic	2 Unlikely			Neonatal Unit	24/12/2019	23/02/2020	Bi-Monthly	Live (Monitor)
Women & Child Health	3239	The giraffe incubators are not compliant with the infection control creating a risk that babies are cross infected.	Policy/ Procedure/ System	5 Catastrophic	2 Unlikely			Neonatal Unit	21/11/2019	21/01/2020	Bi-Monthly	Live (Monitor)

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Women & Child Health	3244	There is a risk that the NIPE will be performed after 72 hours and/or be missed prior to discharge due to shortfalls in the paediatric rota which will potentially result in the delay to detect a congenital abnormality. This is also leading to added pressure whereby the midwives are covering the shortfall with numbers from their establishment.	Staff	5 Catastrophic	2 Unlikely	Training additional midwives in completing NIPE'S-liaise with Education team to identify midwives who can apply for training. Realistically will take 6-8months from application to qualifying. Assessing new midwives who qualify with the NIPE within one month of commencing in the Trust so that they are confident to perform NIPE's and can go on the rota. Updated 21/08/2019- this risk is ongoing	29/12/2019	Maternity 1	21/11/2019	21/01/2020	Bi-Monthly	Live (With Actions)
Women & Child Health	3556	Potential risk of serious complication from a vaginal pessary being left insitu for a prolonged period of time  Failure to provide adequate follow up could result in complication for example - infection, embedding, impacted pessary and fistula development. Serious complications could result in sepsis and increase morbidity and mortality.	Policy/ Procedure/ System	5 Catastrophic	1 Rare	Lead uro-gynae CNS to review current guidance and implement trust guidance regarding management of patients with pessaries in situ.	31/12/2019	Gynaecology (C)	28/11/2019	28/12/2019	Monthly	Live (With Actions)
Women & Child Health	3640	There is a risk that neonatal care & treatment may be affected due to the relocation of the neonatal unit to D16 whilst extension & remedial works are being undertaken to existing unit, resulting in compromised patient safety .	Contingency/ Emergency Arrangements	5 Catastrophic	2 Unlikely	Training during induction, on-going support. Now familiar with environment and processes	16/12/2019	Neonatal Unit	20/11/2019	20/12/2019	Monthly	Live (With Actions)
Women & Child Health	37	Health Visiting inadequate staffing levels to maintain a safe and quality service and unable to deliver elements core service as outlined in the Healthy Child Programme and the Children's Safeguarding agenda.		5 Catastrophic	2 Unlikely	Training during induction, on-going support. Now familiar with environment and processes	17/12/2019	Neonatal Unit	20/11/2019	20/12/2019	Monthly	Live (With Actions)