Announced Variation to Registration Inspection Report
7 July 2020

Kingsbridge Private Hospital

Type of Service: Independent Hospital – Acute Hospital
Address: 811-815 Lisburn Road, Belfast BT9 7GX
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Membership of the Inspection Team

Jean Gilmour	Inspector, Hospitals Programme Team Regulation and Quality Improvement Authority
Raymond Sayers	Inspector, Estates Team Regulation and Quality Improvement Authority

It should be noted that this inspection report should not be regarded as a comprehensive review of all strengths and areas for improvement that exist in the service. The findings reported on are those which came to the attention of RQIA during the course of this inspection. The findings contained within this report do not exempt the service provider from their responsibility for maintaining compliance with legislation, standards and best practice.

1.0 What we look for

2.0 Profile of the Hospital

Kingsbridge Private Hospital offers a wide range of medical treatments and elective surgical services, a minor injuries service, outpatients and a private general practice (GP) service for adults and children. The hospital is registered to accommodate up to 22 in-patients and six day surgery patients.

The hospital has two theatres, a dedicated endoscopy suite, a small x-ray department and a range of consulting rooms. The in-patient accommodation comprises of single en-suite rooms which are situated over two floors. The day surgery unit is located on the first floor of the premises.

3.0 Service details

Organisation/Registered Provider: 3fivetwo Medical Ltd **Responsible Individual:** Mr Mark Regan	**Registered Manager:** Ms Sarah Marks
Person in charge at the time of inspection: Ms Sarah Marks	**Date manager registered:** 10 December 2013
Categories of care: Independent Hospital (IH) – Acute hospital (with overnight beds) AH Acute Hospital (Day Surgery) AH(DS) Prescribed Technologies, Endoscopy PT(E) Prescribed Technologies, Laser PT(L) Private Doctor PD	**Number of registered places:** 22 inpatient beds 6 day surgery beds

4.0 Inspection summary

We undertook an announced variation to registration inspection to Kingsbridge Private Hospital (KPH) on Tuesday 7 July 2020.

An application for variation of the registration of KPH was submitted to RQIA on 7 February 2019 to convert the existing endoscopy theatre into a fully functioning laminar flow theatre.

This inspection was underpinned by The Health and Personal Social Services (Quality, Improvement and Regulation) (Northern Ireland) Order 2003, The Independent Health Care Regulations (Northern Ireland) 2005, The Regulation and Improvement Authority (Independent Health Care) (Fees and Frequency of Inspections) (Amendment) Regulations (Northern Ireland) 2011 and the Department of Health, Social Services and Public Safety (DHSSPS) Minimum Care Standards for Independent Healthcare Establishments (July 2014).

A multidisciplinary inspection was undertaken by a team of two inspectors in keeping with the current inspection framework and guidance on inspection activity during COVID-19. We sought to assess progress with any issues raised during and since the previous variation inspection on 22 May 2020 and to assess the application of variation to registration to convert the existing endoscopy suite into a fully functioning laminar flow theatre. Prior to the variation inspection we were provided with extensive information regarding the planning and development of the laminar flow theatre.

The newly constructed laminar flow theatre has been finished to a high standard throughout with sleek modern units and equipment compatible with infection prevention and control cleaning and decontamination standards.

We were advised that the Legionella bacteria which was isolated in water outlet samples during our variation inspection of 22 May 2020 was still present. We observed point of use water filters in place to control Legionella and we were informed of measures being taken by KPH to eradicate Legionella from the water supply. We identified issues with the laminar flow ventilation and a fire strip at the entrance to the theatre which also require to be addressed before the new theatre becomes operational.

A valid building control final completion certificate was submitted by e-mail on 24 July 2020.

Water sample analysis certificates were submitted by e-mail to verify that legionella bacteria was not detected in the most recent Theatre three water samples report, issued 16 July 2020

The variation application to convert the existing endoscopy theatre into a fully functioning laminar flow theatre received RQIA approval on 24 July 2020.

4.1 Inspection outcome

	Regulations	Standards
Total number of areas for improvement	0	0

This inspection resulted in no areas for improvement being identified. Findings of the inspection were discussed with Mr Mark Regan, Responsible Individual, Ms Sarah Marks, Registered Manager and the Estates and Facilities Manager as part of the inspection process and can be found in the main body of the report.

Enforcement action did not result from the findings of this inspection.

4.2 Action/enforcement taken following the most recent inspection dated 22 May 2020

Other than those actions detailed in the quality improvement plan (QIP) no further actions were required to be taken following the most recent variation inspection on 22 May 2020.

5.0 How we inspect

Prior to the inspection a range of information relevant to the service was reviewed. This included the following records:

- registration status of the establishment;
- written and verbal communication received since the previous variation inspection;
- application received to vary the registration of KPH.

During our inspection, we met with the following staff: Mr Mark Regan, Responsible Individual, Ms Sarah Marks, Registered Manager, the Estates and Facilities Manager, and the Theatre Manager.

We provided detailed feedback on our inspection findings as described in section 4.1.

6.0 The inspection

6.1 Review of areas for improvement from the previous variation inspection dated 22 May 2020

The most recent previous inspection of the hospital was an announced variation inspection. During this inspection we discussed the progress made by KPH to control and eradicate Legionella bacteria from the water system since the last inspection.

6.2 Review of areas for improvement from the previous variation inspection dated 22 May 2020

Quality Improvement Plan	
Action required to ensure compliance with The Independent Health Care Regulations (Northern Ireland) 2005	
Area for improvement 1 Ref: Regulation 25(2)(d) Stated: First time To be completed by: prior to registration approval	The Responsible Person shall ensure that: Bacteriological analysis of the water distribution system is completed confirming that the system is not contaminated by the presence legionella bacteria. Copies of the laboratory water sample test results will be submitted for RQIA record. This area for improvement is discussed in section 6.3 This AFI has been satisfied after receipt of a valid water sample test certificate by e-mail on 28 July 2020.

6.3 Inspection findings

Laminar Flow Theatre

The newly converted laminar flow theatre intends to provide a range of surgical services already undertaken at KPH. The patient journey from admission to undergoing surgery and subsequent discharge is designed to replicate the existing surgical pathway through the hospital. On the day of surgery a nurse will meet the patient and complete the admission details, including any pre operative clinical checks. The patient will be transferred to the theatre from the admissions area or ward. Following their procedure the patient will spend time in the recovery ward where they will be monitored by experienced nursing and medical staff before returning to their room on the ward.

Infection Prevention and Control

We reviewed the arrangements for infection prevention and control (IPC) in relation to the newly converted fully functioning laminar flow theatre to ensure the risk of infection for patients, visitors and staff are minimised. Laminar flow refers to the room ventilation system in the operating theatre. It is designed to produce ultra clean ventilation in the operating theatre and reduce the risk of contamination to open wounds.

We found the theatre to be a spacious modern facility finished to a very high standard throughout (Photo 1). The facility comprises a main theatre, a scrub area, a preparation room and a dirty utility room. High and low level integrated storage units were utilised in the scrub and prep rooms enabling good organisation and storage of clean and sterile equipment. Upward facing surfaces throughout were finished in a modern stainless steel finish which allows for ease of cleaning.

Photo 1: Modern theatre

The theatre was equipped with newly purchased high technology equipment. We were informed that the disinfectant product used in KPH was effective for cleaning and decontaminating the new equipment.

The dirty utility room was well located beside the theatre. It was spacious and designed to create a clear workflow for staff from dirty to clean areas. Low level enclosed storage units and a Control of Substances Hazardous to Health (COSHH) cupboard were available.

Hand washing facilities and a range of consumables were available to promote adherence to effective hand hygiene practices. Clnical hand wash facilities, including the stainless steel scrub sink in the preparation room, were clean and conveniently located in each area. We were informed that IPC posters to guide staff would be displayed in accordance with guidance from the independent IPC advisor.

Cleaning

We reviewed cleaning schedules in place for domestic and nursing staff. The theatre has had a deep clean and regular cleaning has been implemented since the completion of works. During our inspection we identified some dust residue present where new dispensers had been erected, this was highlighted to the RM for action.

Staffing

We were informed that sufficient staff are in place, in various roles, to meet the needs of the patients. A successful recruitment drive for staff was undertaken last year, with ongoing plans to recruit more staff.

Environment

We reviewed the fully functioning laminar flow theatre as specified in the variation to registration application design details.

We found that the building modification works converting the former endoscopy theatre into a laminar flow theatre was completed to a good standard.

We reviewed building services verification documents prior to, and after our pre-registration site inspection and communicated with the Estates and Facilities Manager to ascertain that suitable arrangements are in place for maintaining the environment in accordance with current legislation and best practice guidance. The following building engineering verification documents were reviewed:

- Building Control ‘Passing of Plans` certificate dated 11 June 2020;
- Building Control `Completion of Works` certificate ref. no FP/2019/2334/D (Date of Completion 23/07/2020);
- HTM 05 : Fire Strategy and Evacuation document ;
- BS5839 fire detection & alarm system certificate of modification, dated 10 June 2020 ;
- BS7671 electrical works : electrical installation dated 10 June 2020;
- Building services validation consultant verification letter dated 6 July 2020 ;
- Authorising Engineer confirmation that the engineering works to the Medical Gas Pipeline Systems (MGPS) have been completed and commissioned in accordance with HTM 02-01, date 15 July 2020;
- Authorising Engineer confirmation that the engineering works to the Specialist Ventilation for Healthcare Premises have been completed and commissioned in accordance with HTM 03-01, date 15 July 2020 ;
- Authorising Engineer confirmation that the engineering works to the Electrical Services Supply & Distribution have been completed and commissioned in accordance with HTM 06-01, date 15 July 2020;
- Authorising Engineer confirmation that the engineering works to the water distribution and supply system have been completed and commissioned in accordance with HTM 04-01,

(Control of Legionella, hygiene, safe hot water, cold water and drinking water systems.) date 15 July 2020;
- Design consultants confirmation that building design is compliant with HBN26 Vol 1 Facilities for Surgical Procedures;
- IPC Audit dated 5 July 2020 from IPC Advisor;
- Microbiological test results for ventilation system ; e-mail dated 7 July 2020;
- Legionella Risk Assessment report dated 25 June 2020;
- HTM 02-01 Operating & Maintenance manual, including medical gas commissioning & tests;
- Theatre 3 call system commissioning certificate, 5 July e-mail;
- Commissioning certificate for installation of Copper Silver legionella control system received by e-mail 28 July 2020.

Water Safety HTM 04-01

Water samples had been taken from the water outlets in the theatre three accommodation prior to the inspection date, and subjected to bacteriological analysis. Water sample analysis results were not available for RQIA inspector examination on the inspection date, however the results were confirmed on 27 May 2020; the presence of legionella bacteria was detected and further water samples were collected on 6 July from Theatre three water outlets.

The Authorising Engineer Water Safety drafted the following remedial works action plan in accordance with HTM 04-01:

(1) Erect `do not use` signs at both sinks. Pods are not to be used until Point Of Use (POU) filters are installed at the water outlets.
(2) Mechanical service engineers commissioned to investigate the source of the bacteria proliferation indicated there was a potential issue with the hot water return pipework.
(3) Point of use (POU) filters were installed on two Pods area WHB water outlets on 28 May 2020.
(4) A mechanical services technician reviewed the operation of the auto flush system on new taps installed on the system, ensuring they were operating correctly.
(5) The water distribution system was chlorinated on 1 June 2020 (Chlorination certificate was received by e-mail on 4 June 2020).
(6) On 2 June mechanical engineers checked the hot water (HW) return pipework and determined where regulating sets were to be installed.
(7) Additional water samples were taken from the pod area washbasin water outlets and subjected to bacteriological analysis.
(8) Water flow rates are to be determined for consideration of installing a chemical dosing system to improve water safety & quality.

Water samples taken on 6 July 2020 were analysed, and test results receivedl on 16 July 2020; identified that no legionella bacteria was detected.

Building Control completion certificate

The Building Control final completion certificate reference FP/2019/2334/D (completion date 23/07/2020) was received by e-mail on 24 July 2020.

Building defects/snagging

Following this inspection the Estates and Facilities Manager confirmed that the issues identified with the laminar flow ventilation and a fire strip at the entrance to the theatre were resolved.

6.4 Conclusion

The variation to registration for the fully functioning laminar flow theatre was approved from a care and premises perspective following this inspection and the submission of additional information.

7.0 Quality improvement plan

There were no areas for improvement identified during this inspection, and a QIP is not included or required.

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