

## **Announced Inspection**

Name of Establishment: Townhouse Dental Practice

Establishment ID No: 11712

Date of Inspection: 11 February 2015

Inspector's Name: Stephen O'Connor

Inspection No: 20211

The Regulation and Quality Improvement Authority
9th floor Riverside Tower, 5 Lanyon Place, Belfast, BT1 3BT
Tel: 028 9051 7500 Fax: 028 9051 7501

## 1.0 General Information

Name of establishment:	Townhouse Dental Practice
Address:	3 Lodge Road Coleraine BT52 1LU
Telephone number:	028 70 342393
Registered organisation / registered provider:	Mr Matthew Preston
Registered manager:	Mr Matthew Preston
Person in charge of the establishment at the time of Inspection:	Mr Matthew Preston
Registration category:	IH-DT
Type of service provision:	Private dental treatment
Maximum number of places registered: (dental chairs)	2
Date and type of previous inspection:	Announced Inspection 6 December 2013
Date and time of inspection:	11 February 2015 09:55 – 11:50
Name of inspector:	Stephen O'Connor

#### 2.0 Introduction

The Regulation and Quality Improvement Authority (RQIA) is empowered under The Health and Personal Social Services (Quality, Improvement and Regulation) (Northern Ireland) Order 2003 to inspect dental practices providing private dental care and treatment. A minimum of one inspection per year is required.

This is a report of the announced inspection to assess the quality of services being provided. The report details the extent to which the standards measured during inspection were met.

#### 3.0 Purpose of the Inspection

The purpose of this inspection was to consider whether the service provided to patients was in accordance with their assessed needs and preferences and was in compliance with legislative requirements, minimum standards and other good practice indicators. This was achieved through a process of analysis and evaluation of available evidence.

RQIA not only seeks to ensure that compliance with regulations and standards is met but also aims to use inspection to support providers in improving the quality of services. For this reason, inspection involves in-depth examination of an identified number of aspects of service provision.

The aims of the inspection were to examine the policies, practices and monitoring arrangements for the provision of dental care, and to determine the provider's compliance with the following:

- The HPSS (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;
- The Minimum Standards for Dental Care and Treatment 2011; and
- Health Technical Memorandum HTM 01-05: Decontamination in Primary Care Dental Practices and Professional Estates Letter (PEL) (13) 13.

Other published standards which guide best practice may also be referenced during the inspection process.

#### 4.0 Methods/Process

Committed to a culture of learning, the RQIA has developed an approach which uses self-assessment, a critical tool for learning, as a method for preliminary assessment of achievement of the Minimum Standards.

The inspection process has three key parts; self-assessment (including completion of self-declaration), pre-inspection analysis and the inspection visit by the inspector.

Specific methods/processes used in this inspection include the following:

- a self-assessment was submitted prior to the inspection and has been analysed;
- discussion with Mr Matthew Preston, registered provider;
- examination of relevant records;
- consultation with relevant staff;
- tour of the premises; and
- evaluation and feedback.

Any other information received by RQIA about this practice has also been considered by the inspector in preparing for this inspection.

#### 5.0 Consultation Process

During the course of the inspection, the inspector spoke with staff on duty. Questionnaires were provided to staff prior to the inspection by the practice, on behalf of the RQIA to establish their views regarding the service. Matters raised by staff were addressed by the inspector during the course of this inspection:

	Number	
Discussion with staff	1	
Staff Questionnaires	6 issued	5 returned

Prior to the inspection the registered person/s were asked, in the form of a declaration, to confirm that they have a process in place for consulting with service users and that a summary of the findings has been made available. The consultation process may be reviewed during this inspection.

#### 6.0 Inspection Focus

The inspection sought to establish the level of compliance achieved with respect to the selected DHSSPS Minimum Standards for Dental Care and Treatment and a thematic focus incorporating selected standards and good practice indicators. An assessment on the progress in relation to the issues raised during and since the previous inspection was also undertaken.

In 2012 the DHSSPS requested that RQIA make compliance with best practice in local decontamination, as outlined in HTM 01-05 Decontamination in Primary Care Dental Premises, a focus for the 2013/14 inspection year.

The DHSSPS and RQIA took the decision to review compliance with best practice over two years. The focus of the two years is as follows:

- Year 1 Decontamination 2013/14 inspection year
- Year 2 Cross infection control 2014/15 inspection year

## Standard 13 – Prevention and Control of Infection [Safe and effective care]

The dental service takes every reasonable precaution to make sure you are not exposed to risk of infection.

The decontamination section of the Infection Prevention Society Audit tool, which has been endorsed by the Department of Health, was used as a framework for development of a self-assessment tool and for planned inspections during 2013/14.

The following sections of the 2013 edition of the Infection Prevention Society Audit tool, which has been endorsed by the Department of Health have been used as a framework for the development of a self-assessment tool and for planned inspections in 2014/15:

- prevention of blood-borne virus exposure;
- environmental design and cleaning;
- hand hygiene;
- management of dental medical devices;
- personal protective equipment; and
- waste.

A number of aspects of the decontamination section of the audit tool have also been revisited.

RQIA have highlighted good practice guidance sources to service providers, making them available on our website where possible. Where appropriate, requirements will be made against legislation and recommendations will be made against DHSSPS Minimum Standards for Dental Care and Treatment (2011) and other recognised good practice guidance documents.

The registered provider/manager and the inspector have each rated the practice's compliance level against each section of the self-assessment.

The table below sets out the definitions that RQIA has used to categorise the service's performance:

Guidance - Compliance statements		
Compliance statement	Definition	Resulting Action in Inspection Report
0 - Not applicable		A reason must be clearly stated in the assessment contained within the inspection report.
1 - Unlikely to become compliant		A reason must be clearly stated in the assessment contained within the inspection report.
2 - Not compliant	Compliance could not be demonstrated by the date of the inspection.	In most situations this will result in a requirement or recommendation being made within the inspection report.
3 - Moving towards compliance	Compliance could not be demonstrated by the date of the inspection. However, the service could demonstrate a convincing plan for full compliance by the end of the Inspection year.	In most situations this will result in a requirement or recommendation being made within the inspection report.
4 – Substantially Compliant	Arrangements for compliance were demonstrated during the inspection. However, appropriate systems for regular monitoring, review and revision are not yet in place.	In most situations this will result in a recommendation, or in some circumstances a requirement, being made within the inspection report.
5 – Compliant	Arrangements for compliance were demonstrated during the inspection. There are appropriate systems in place for regular monitoring, review and any necessary revisions to be undertaken.	In most situations this will result in an area of good practice being identified and comment being made within the inspection report.

#### 7.0 Profile of Service

Townhouse Dental Practice is located in a residential townhouse that has been adapted and renovated to accommodate a dental practice. The practice is in a mixed residential/commercial area of Coleraine. The building is fully accessible for patients with a disability.

On street car parking is available for patients. Public car parking is also available a short distance from the practice.

Townhouse Dental Practice operates two dental chairs, providing both private and NHS dental care.

The practice provides two dental surgeries, reception area, patients' waiting area, a dedicated decontamination room, staff facilities and toilet facilities for patients and staff on the ground floor. There are additional offices, staff facilities and storage areas on the first and second floors of the building.

General dentistry services are by provided by Mr Preston alongside an associate dentist. They are supported by a team including dental nurses, hygienists, a practice manager and a receptionist.

Mr Preston has been the registered provider and manager of Townhouse Dental Practice since initial registration with RQIA on the 18 April 2012.

The establishment's statement of purpose outlines the range of services provided.

This practice is registered as an independent hospital (IH) providing dental treatment (DT).

#### 8.0 Summary of Inspection

This announced inspection of Townhouse Dental Practice was undertaken by Stephen O'Connor on 11 February 2015 between the hours of 09:55 and 11:50. Mr Matthew Preston, registered provider, was available during the inspection and for verbal feedback at the conclusion of the inspection.

The requirement and recommendation made as a result of the previous inspection were also examined. Observations and discussion demonstrated that the requirement and recommendation have been addressed and compliance achieved. The detail of the action taken by Mr Preston can be viewed in the section following this summary.

Prior to the inspection, Mr Preston completed a self-assessment using the standard criteria outlined in the theme inspected. The comments provided by Mr Preston in the self-assessment were not altered in any way by RQIA. The self-assessment is included as appendix one in this report.

During the course of the inspection the inspector met with a dental nurse, discussed operational issues, examined a selection of records and carried out a general inspection of the establishment.

Questionnaires were also issued to staff; five were returned to RQIA within the timescale required. Review of submitted questionnaires and discussion with staff evidenced that staff were knowledgeable regarding the inspection theme and that they have received training appropriate to their relevant roles. Staff confirmed that they are familiar with the practice policies and procedures and have received infection prevention and control training. Clinical staff confirmed that they have been immunised against Hepatitis B.

#### Inspection Theme - Cross infection control

Dental practices in Northern Ireland have been directed by the DHSSPS, that best practice recommendations in the Health Technical Memorandum (HTM) 01-05, Decontamination in primary care dental practices, along with Northern Ireland amendments, should have been fully implemented by November 2012. HTM 01-05 was updated in 2013 and Primary Care Dental Practices were advised of this through the issue of Professional Estates Letter (PEL) (13) 13 on 1 October 2013. The PEL (13) 13 advised General Dental Practitioners of the publication of the 2013 version of HTM 01-05 and the specific policy amendments to the guidance that apply in Northern Ireland.

RQIA reviewed the compliance of the decontamination aspect of HTM 01-05 in the 2013/2014 inspection year. The focus of the inspection for the 2014/2015 inspection year is cross infection control. A number of aspects of the decontamination section of HTM 01-05 have also been revisited.

A copy of the 2013 edition of HTM 01-05 Decontamination in primary dental care practices is available at the practice for staff reference. Staff are familiar

with best practice guidance outlined in the document and audit compliance on an ongoing basis.

The practice has a policy and procedure in place for the prevention and management of blood-borne virus exposure, including management of spillages, sharps and inoculation incidents in accordance with national guidance. Review of documentation and discussion with Mr Preston and the dental nurse demonstrated that appropriate arrangements are in place for the prevention and management of blood-borne virus exposure. The dental nurse confirmed that she is aware of, and is adhering to, the practice policy in this regard. Sharps management at the practice was observed to be in line with best practice.

The premises were clean and tidy and clutter was kept to a minimum. Satisfactory arrangements are in place for the cleaning of the general environment and dental equipment. Mr Preston confirmed that a new floor was installed in surgery one during January 2015 when the surgery was refurbished and that he intends to refurbish surgery two in the next few months. A recommendation was made that the planned refurbishment should ensure the new flooring to be installed in surgery two is in keeping with the specifications as outlined in the 2013 edition of HTM 01-05; and that the newly installed floor in surgery one should be sealed at the edges where it meets the skirting boards and kicker boards of cabinetry.

The practice has a hand hygiene policy and procedure in place and the dental nurse demonstrated that good practice is adhered to in relation to hand hygiene. The stainless steel hand washing basin in surgery two has an overflow. Mr Preston confirmed that a new dedicated hand washing basin compliant with HTM 01-05 will be installed during the planned refurbishment of surgery two. A recommendation was made that as an interim measure the overflow should be blanked off using a stainless steel plate sealed with antibacterial mastic. Dedicated hand washing basins are available in the appropriate locations. Information promoting hand hygiene is provided for staff and patients.

A written scheme for the prevention of legionella is available. Procedures are in place for the use, maintenance, service and repair of all medical devices. Observations made and discussion with Mr Preston and the dental nurse confirmed that dental unit water lines (DUWLs) are appropriately managed.

The practice has a policy and procedure in place for the use of personal protective equipment (PPE) and the dental nurse spoken with demonstrated awareness of this.

Observations made confirmed that PPE was readily available and used appropriately by staff.

Appropriate arrangements were in place for the management of general and clinical waste, including sharps. Waste was appropriately segregated and suitable arrangements were in place for the storage and collection of waste by a registered waste carrier. Relevant consignment notes are retained in the practice for at least three years.

A decontamination room separate from patient treatment areas and dedicated to the decontamination process is available. Appropriate validated equipment, including a washer disinfector and a steam steriliser have been provided to meet the practice requirements. Equipment logbooks evidenced that periodic tests are undertaken and recorded in keeping with HTM 01-05.

The evidence gathered through the inspection process concluded that Townhouse Dental Practice is compliant with this inspection theme.

Mr Preston confirmed on the submitted self-assessment that arrangements are in place for consultation with patients, at appropriate intervals, that feedback provided by patients has been used by the service to improve, and that results of the consultation have been made available to patients.

One recommendation was made as a result of the announced inspection, details can be found in the main body of the report and the attached Quality Improvement Plan (QIP).

The inspector wishes to thank Mr Preston and the dental nurse for their helpful discussions, assistance and hospitality throughout the inspection process.

## 9.0 Follow-up on Previous Issues

No	Regulation Ref.	Requirements	Action taken - as confirmed during this inspection	Inspector's Validation of Compliance
1	15 (2) (b)	Ensure the washer disinfector and Statim sterilisers are validated, and that arrangements are put in place for annual validation thereafter.	Mr Preston confirmed that following the previous inspection the washer disinfector and steam steriliser were validated. These machines were due annual validation during January 2015 and review of documentation demonstrated that they were validated on the 22 January 2015.  This requirement has been addressed.	Compliant

No	Minimum Standard Ref.	Recommendations	Action Taken – as confirmed during this inspection	Inspector's Validation of Compliance
1	14.2	Contact Health Estates at the Department of Health for advice and guidance in regards to the ventilation system in the decontamination room.  Any recommendations made should be addressed and records retained.	Mr Preston confirmed that representatives from Health Estates visited the practice and gave advice in regards to the ventilation system in the decontamination room. It was observed that a ventilation system in keeping with HTM 01-05 has been installed in the decontamination room.	Compliant
			This recommendation has been addressed.	

#### 10.0 Inspection Findings

#### 10.1 Prevention of blood-borne virus exposure

STANDARD 13 – Prevention and Control of Infection (Safe and effective care)

The dental service takes every reasonable precaution to make sure you are not exposed to risk of infection.

#### Criteria Assessed:

- **11.2** You receive care and treatment from a dental team (including temporary members) who have undergone appropriate checks before they start work in the service.
- **13.2** Your dental service adheres to the appropriate infection control policies and procedures in line with current best practice and legislation.
- **13.3** Your dental service has systems in place, including induction and ongoing training, to make sure these policies and procedures are known, and are being appropriately applied to the service at all times.

#### **Inspection Findings:**

Mr Preston rated the practice arrangements for the prevention of blood-borne virus exposure as substantially compliant on the self-assessment.

The practice has a policy and procedure in place for the prevention and management of bloodborne virus exposure, including management of spillages, sharps and inoculation incidents in accordance with national guidance.

Review of documentation and discussion with Mr Preston and a dental nurse evidenced that:

- the prevention and management of blood-borne virus exposure is included in the staff induction programme;
- staff training has been provided for clinical staff; and
- records are retained regarding the Hepatitis B immunisation status of clinical staff.

Mr Preston confirmed that no new staff have commenced work in the practice since the previous inspection and that in the future newly recruited staff will receive an occupational health check.

Discussion with a dental nurse demonstrated that she was aware of the policies and procedures in place for the prevention and management of blood-borne virus exposure.

Observations made and discussion with Mr Preston and the dental nurse demonstrated that sharps are appropriately handled. Sharps boxes suitable for general clinical waste are wall mounted, sharps boxes suitable for pharmaceutical waste are housed in cupboards, sharp boxes are appropriately used, signed and dated on assembly and final closure. Used sharps boxes are locked with the integral lock and stored ready for collection away from public access.

Discussion with Mr Preston and the dental nurse and review of documentation evidenced that arrangements are in place for the management of a sharps injury, including needle stick injury. The dental nurse was aware of the actions to be taken in the event of a sharps injury.

Provider's overall assessment of the dental practice's compliance level against the standard assessed	Substantially Compliant
Inspector's overall assessment of the dental practice's compliance level against the standard assessed	Compliant

#### 10.2 Environmental design and cleaning

STANDARD 13 – Prevention and Control of Infection (Safe and effective care)
The dental service takes every reasonable precaution to make sure you are not exposed to risk of infection.

#### Criterion Assessed:

**13.1** Your dental service's premises are clean.

#### **Inspection Findings:**

Mr Preston rated the practice arrangements for environmental design and cleaning as substantially compliant on the self-assessment.

The practice has a policy and procedure in place for cleaning and maintaining the environment.

The inspector undertook a tour of the premises, to include the two dental surgeries and the decontamination room; these areas were found to be maintained to a good standard of cleanliness. Clinical and decontamination areas were tidy and uncluttered and work surfaces were intact and easy to clean. Floor coverings are impervious; however they were not coved or sealed at the edges. This was discussed with Mr Preston who confirmed that a new floor was installed in surgery one during January 2015 as part of a planned refurbishment programme and that he intends to refurbish surgery two in the next few months. A recommendation was made to ensure that the new flooring to be installed in surgery two will be in keeping with the specifications as outlined in the 2013 edition of HTM 01-05; and that the newly installed floor in surgery one should be sealed at the edges where it meets the skirting boards and kicker boards of cabinetry. Fixtures, fittings, dental chairs and equipment were free from damage, dust and visible dirt.

Discussion with Mr Preston and the dental nurse demonstrated that appropriate arrangements are in place for cleaning including:

- Equipment surfaces, including the dental chair, are cleaned between each patient;
- Daily cleaning of floors, cupboard doors and accessible high level surfaces:
- Weekly/monthly cleaning schedule;
- Cleaning equipment is colour coded;
- Cleaning equipment is stored in a non-clinical area; and
- Dirty water is disposed of at an appropriate location.

Discussion with the dental nurse and review of submitted questionnaires confirmed that staff had received relevant training to undertake their duties.

The practice has a local policy and procedure for spillage in accordance with the Control of Substances Hazardous to Health (COSHH) and Mr Preston and the dental nurse demonstrated awareness of this.

Provider's overall assessment of the dental practice's compliance level against the standard assessed	Substantially Compliant
Inspector's overall assessment of the dental practice's compliance level against the standard assessed	Substantially compliant

#### 10.3 Hand Hygiene

STANDARD 13 – Prevention and Control of Infection (Safe and effective care)

The dental service takes every reasonable precaution to make sure you are not exposed to risk of infection.

#### Criteria Assessed:

- **13.2** Your dental service adheres to the appropriate infection control policies and procedures in line with current best practice and legislation.
- **13.3** Your dental service has systems in place, including induction and ongoing training, to make sure these policies and procedures are known, and are being appropriately applied to the service at all times.

#### **Inspection Findings:**

Mr Preston rated the practice arrangements for hand hygiene as substantially compliant on the self-assessment.

The practice has a hand hygiene policy and procedure in place.

Mr Preston confirmed that hand hygiene is included in the induction programme and the dental nurse confirmed that hand hygiene training is updated periodically.

Discussion with the dental nurse confirmed that hand hygiene is performed before and after each patient contact and at appropriate intervals. Observations made evidenced that clinical staff had short clean nails and jewellery such as wrist watches and stoned rings were not worn in keeping with good practice.

Dedicated hand washing basins are available in the dental surgeries and the decontamination room and adequate supplies of liquid soap, paper towels and disinfectant rub/gel were available. Mr Preston confirmed that when refurbishing surgery one during January 2015 a dedicated hand washing basin compliant with HTM 01-05 was installed and that he intends to install the same basin in surgery two during the planned refurbishment of this surgery. A recommendation was made that as interim measure, pending the installation of the new hand washing basin in surgery two the overflow on the stainless steel hand washing basin currently in place should be blanked off using a stainless steel plate sealed with antibacterial mastic. The dental nurse confirmed that nail brushes and bar soap are not used in the hand hygiene process in keeping with good practice.

Laminated /wipe-clean posters promoting hand hygiene were on display in dental surgeries, the decontamination room and toilet facilities.

Provider's overall assessment of the dental practice's compliance level against the standard assessed	Substantially Compliant
Inspector's overall assessment of the dental practice's compliance level against the standard assessed	Substantially compliant

#### 10.4 Management of Dental Medical Devices

STANDARD 13 – Prevention and Control of Infection (Safe and effective care)

The dental service takes every reasonable precaution to make sure you are not exposed to risk of infection.

#### **Criterion Assessed:**

**13.4** Your dental service meets current best practice guidance on the decontamination of reusable dental and medical instruments.

#### **Inspection Findings:**

Mr Preston rated the practice approach to the management of dental medical devices as compliant on the self-assessment.

The practice has an infection control policy that includes procedures for the use, maintenance, service and repair of all medical devices.

The inspector reviewed the written scheme for the prevention of legionella contamination in water pipes and other water lines and discussion with Mr Preston and the dental nurse demonstrated that this is adhered to.

The dental nurse confirmed that impression materials, prosthetic and orthodontic appliances are decontaminated prior to despatch to laboratory and before being placed in the patient's mouth.

Observations made and discussion with the dental nurse staff confirmed that DUWLs are appropriately managed. This includes that:

- Filters are cleaned/replaced as per manufacturer's instructions;
- An independent bottled-water system is used to dispense reverse osmosis (RO) water to supply the DUWLs;
- Self-contained water bottles are removed, flushed with RO water and left open to the air for drying on a daily basis in accordance with manufacturer's guidance;
- DUWLs are drained at the end of each working day;
- DUWLs are flushed at the start of each working day and between every patient;
- DUWLs and handpieces are fitted with anti-retraction valves; and
- DUWLs are purged using disinfectant as per manufacturer's recommendations.

Provider's overall assessment of the dental practice's compliance level against the standard assessed	Compliant
Inspector's overall assessment of the dental practice's compliance level against the standard assessed	Compliant

#### 10.5 Personal Protective Equipment

STANDARD 13 – Prevention and Control of Infection (Safe and effective care)

The dental service takes every reasonable precaution to make sure you are not exposed to risk of infection.

#### **Criterion Assessed:**

**13.2** Your dental service adheres to the appropriate infection control policies and procedures in line with current best practice and legislation.

**13.3** Your dental service has systems in place, including induction and ongoing training, to make sure these policies and procedures are known, and are being appropriately applied to the service at all times.

#### **Inspection Findings:**

Mr Preston rated the practice approach to the management of personal protective equipment (PPE) as substantially compliant on the self-assessment.

The practice has a policy and procedure in place for the use of PPE and the dental nurse spoken with demonstrated awareness of this. Mr Preston confirmed that the use of PPE is included in the induction programme.

Observations made and discussion with the dental nurse evidenced that PPE was readily available and in use in the practice.

Discussion with the dental nurse demonstrated that:

- Hand hygiene is performed before donning and following the removal of disposable gloves;
- Single use PPE is disposed of appropriately after each episode of patient care;
- Heavy duty gloves are available for domestic cleaning and decontamination procedures where necessary; and
- Eye protection for staff and patients is decontaminated after each episode.

The dental nurse confirmed that she is aware of the practice uniform policy.

Provider's overall assessment of the dental practice's compliance level against the standard assessed	Substantially Compliant
Inspector's overall assessment of the dental practice's compliance level against the standard assessed	Compliant

#### 10.6 Waste

# STANDARD 13 – Prevention and Control of Infection (Safe and effective care) The dental service takes every reasonable precaution to make sure you are not exposed to risk of infection.

#### **Criterion Assessed:**

- **13.2** Your dental service adheres to the appropriate infection control policies and procedures in line with current best practice and legislation.
- **13.3** Your dental service has systems in place, including induction and ongoing training, to make sure these policies and procedures are known, and are being appropriately applied to the service at all times..

#### **Inspection Findings:**

Mr Preston rated the practice approach to the management of waste as substantially compliant on the self-assessment.

The practice has a policy and procedure in place for the management and disposal of waste in keeping with HTM 07-01. Mr Preston confirmed that the management of waste is included in the induction programme and the dental nurse confirmed that waste management training is updated periodically.

Review of documentation confirmed that contracted arrangements are in place for the disposal of waste by a registered waste carrier and relevant consignment notes are retained in the practice for at least three years.

Observations made and discussion with the dental nurse demonstrated that she is aware of the different types of waste and appropriate disposal streams.

Clinical waste bins are housed in cupboards and discussion with Mr Preston and the dental nurse demonstrated that a non-touch technique is used when disposing of waste.

Appropriate arrangements are in place in the practice for the storage and collection of general and clinical waste, including sharps waste.

The inspector observed adequate provision of sharps containers including those for pharmaceutical waste, throughout the practice. These were being appropriately managed as discussed in section 10.1 of the report.

Provider's overall assessment of the dental practice's compliance level against the standard assessed	Substantially Compliant
Inspector's overall assessment of the dental practice's compliance level against the standard assessed	Compliant

#### 10.7 Decontamination

# STANDARD 13 – Prevention and Control of Infection (Safe and effective care) The dental service takes every reasonable precaution to make sure you are not exposed to risk of infection.

#### Criterion Assessed: 13.4

Your dental service meets current best practice guidance on the decontamination of reusable dental and medical instruments.

### **Inspection Findings:**

Mr Preston rated the decontamination arrangements of the practice as compliant on the self-assessment.

A decontamination room separate from patient treatment areas and dedicated to the decontamination process is available.

Appropriate equipment, including a washer disinfector and a steam steriliser have been provided to meet the practice requirements.

Review of documentation evidenced that equipment used in the decontamination process has been appropriately validated.

Review of equipment logbooks evidenced that periodic tests are undertaken and recorded in keeping with HTM 01-05.

Provider's overall assessment of the dental practice's compliance level against the standard assessed	Compliant
Inspector's overall assessment of the dental practice's compliance level against the standard assessed	Compliant

Inspector's overall assessment of the dental practice's compliance	Compliance Level
level against the standard assessed	Compliant

#### 11.0 Additional Areas Examined

#### 11.1 Staff Consultation/Questionnaires

During the course of the inspection, the inspector spoke with a dental nurse. Questionnaires were also provided to staff prior to the inspection by the practice on behalf of the RQIA. Five were returned to RQIA within the timescale required.

Review of submitted questionnaires and discussion with the dental nurse evidenced that staff were knowledgeable regarding the inspection theme and that they have received training appropriate to their relevant roles. Staff confirmed that they are familiar with the practice policies and procedures and have received infection prevention and control training. Clinical staff confirmed that they have been immunised against Hepatitis B.

#### 11.2 Patient Consultation

Mr Preston confirmed on the submitted self-assessment that arrangements are in place for consultation with patients, at appropriate intervals, that feedback provided by patients has been used by the service to improve, and that results of the consultation have been made available to patients. The most recent patient satisfaction report was reviewed during the inspection.

#### 12.0 Quality Improvement Plan

The details of the Quality Improvement Plan appended to this report were discussed with Mr Preston as part of the inspection process.

The timescales for completion commence from the date of inspection.

The registered provider/manager is required to record comments on the Quality Improvement Plan.

Matters to be addressed as a result of this inspection are set in the context of the current registration of your premises. The registration is not transferable so that in the event of any future application to alter, extend or to sell the premises the RQIA would apply standards current at the time of that application.

Enquiries relating to this report should be addressed to:

Stephen O'Connor
The Regulation and Quality Improvement Authority
9th Floor
Riverside Tower
5 Lanyon Place
Belfast
BT1 3BT



## **Quality Improvement Plan**

## **Announced Inspection**

#### **Townhouse Dental Practice**

## **11 February 2015**

The areas where the service needs to improve, as identified during this inspection visit, are detailed in the inspection report and Quality Improvement Plan.

The specific actions set out in the Quality Improvement Plan were discussed with Mr Matthew Preston either during or after the inspection visit.

Any matters that require completion within 28 days of the inspection visit have also been set out in separate correspondence to the registered persons.

Registered providers/managers should note that failure to comply with regulations may lead to further enforcement and/or prosecution action as set out in The HPSS (Quality, Improvement and Regulation) (Northern Ireland) Order 2003.

It is the responsibility of the registered provider/manager to ensure that all requirements and recommendations contained within the Quality Improvement Plan are addressed within the specified timescales.

Matters to be addressed as a result of this inspection are set in the context of the current registration of your premises. The registration is not transferable so that in the event of any future application to alter, extend or to sell the premises the RQIA would apply standards current at the time of that application.

## **RECOMMENDATIONS**

This recommendation is based on The Minimum Standards for Dental Care and Treatment (2011), research or recognised sources. It

promotes current good practice and if adopted by the registered person may enhance service, quality and delivery.

NO.	MINIMUM STANDARD REFERENCE	RECOMMENDATIONS	NUMBER OF TIMES STATED	DETAILS OF ACTION TAKEN BY REGISTERED PERSON(S)	TIMESCALE
1	13	<ul> <li>The following issues should be addressed during the planned refurbishment programme:</li> <li>Ensure the new flooring to be installed in surgery two is in keeping with the specifications as outlined in the 2013 edition of HTM 01-05;</li> <li>The newly installed floor in surgery one should be sealed at the edges where it meets the skirting boards and kicker boards of cabinetry;</li> <li>As an interim measure, pending the installation of the new hand washing basin in surgery two the overflow on the stainless steel hand washing basin currently in place should be blanked off using a stainless steel plate sealed with antibacterial mastic.</li> </ul>	One	Arrangements made for work to be carried out to surgery two during summer holidays, to avoid disruption to patients.  Surgery 1 floor to be sealed at edges when flooring contractor is in attendance.  Overflow on wash handbasin in surgery two, blanked as described.	Three months
		Ref: 10.2 & 10.3			

Please complete the following table to demonstrate that this Quality Improvement Plan has been completed by the registered manager and approved by the responsible person / identified responsible person and return to <a href="mailto:independent.healthcare@rqia.org.uk">independent.healthcare@rqia.org.uk</a>

Name of Registered Manager Completing QIP	Matthew Preston
Name of Responsible Person / Identified Responsible Person Approving QIP	Matthew Preston

QIP Position Based on Comments from Registered Persons	Yes	Inspector	Date
Response assessed by inspector as acceptable	Yes	Stephen O'Connor	14/04/2015
Further information requested from provider	No	Stephen O'Connor	14/04/2015



## Self Assessment audit tool of compliance with HTM01-05 - Decontamination - Cross Infection Control

Name of practice: Townhouse Dental Practice

RQIA ID: 11712

Name of inspector: Stephen O'Connor

This self-assessment tool should be completed in reflection of the current decontamination and cross infection control arrangements in your practice.

THE REGULATION AND QUALITY IMPROVEMENT AUTHORITY

9th floor Riverside Tower, 5 Lanyon Place, Belfast, BT1 3BT Tel: 028 9051 7500 Fax: 028 9051 7501

1 Prevention of bloodborne virus exposure					
Inspection criteria (Numbers in brackets reflect HTM 01-05/policy reference)	Yes	No	If NO provide rationale and actions to be taken with timescales to achieve compliance with HTM 01-05.		
1.1 Does the practice have a policy and procedure/s in place for the prevention and management of blood borne virus exposure, including management of spillages, sharps and inoculation incidents in accordance with national guidance? (2.6)	Yes				
1.2 Have all staff received training in relation to the prevention and management of blood-borne virus exposure? (1.22, 9.1, 9.5)	Yes				
1.3 Have all staff at risk from sharps injuries received an Occupational Health check in relation to risk reduction in bloodborne virus transmission and general infection? (2.6)		No			
1.4 Can decontamination and clinical staff demonstrate current immunisation with the hepatitis B vaccine e.g. documentation? (2.4s, 8.8)	Yes				
<b>1.5</b> Are chlorine-releasing agents available for blood /bodily fluid spillages and used as per manufacturer's instructions? (6.74)	Yes				
1.6 Management of sharps	Yes				
Any references to sharps management should be read in conjunction with The Health and Safety (Sharp Instruments in Healthcare) Regulations (Northern Ireland) 2013  Are sharps containers correctly assembled?					

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<b>1.7</b> Are in-use sharps containers labelled with date, locality and a signature?	Yes			
<b>1.8</b> Are sharps containers replaced when filled to the indicator mark?	Yes			
1.9 Are sharps containers locked with the integral lock when filled to the indicator mark? Then dated and signed?	Yes			
<b>1.10</b> Are full sharps containers stored in a secure facility away from public access?	Yes			
1.11 Are sharps containers available at the point of use and positioned safely (e.g. wall mounted)?	Yes			
1.12 Is there a readily-accessible protocol in place that ensures staff are dealt with in accordance with national guidance in the event of blood-borne virus exposure? (2.6)	Yes			
<b>1.13</b> Are inoculation injuries recorded?	Yes			
<b>1.14</b> Are disposable needles and disposable syringes discarded as a single unit?		No	Not currently	used
Provider's level of compliance	<u> </u>		1	Substantially compliant

2 Environmental design and cleaning					
Inspection criteria	Yes	No	If NO provide rationale and actions to be taken with timescales to achieve compliance with HTM 01-05.		
2.1 Does the practice have a policy and procedure for cleaning and maintaining the environment? (2.6, 6.54)	Yes				
2.2 Have staff undertaking cleaning duties been fully trained to undertake such duties? (6.55)	Yes				
2.3 Is the overall appearance of the clinical and decontamination environment tidy and uncluttered? (5.6)	Yes				
<b>2.4</b> Is the dental chair cleaned between each patient? (6.46, 6.62)	Yes				
2.5 Is the dental chair free from rips or tears? (6.62)	Yes				
2.6 Are all surfaces i.e. walls, floors, ceilings, fixtures and fittings and chairs free from damage and abrasion? (6.38)	Yes				
2.7 Are all work-surface joints intact, seamless, with no visible damage? (6.46, 6.47)	Yes				
2.8 Are all surfaces i.e. walls, floors, ceilings, fixtures and fittings and chairs free from dust and visible dirt? (6.38)	Yes				
2.9 Are the surfaces of accessible ventilation fittings/grills cleaned at a minimum weekly? (6.64)	Yes				
2.10 Are all surfaces including flooring in clinical and decontamination areas impervious and easy to clean? (6.46, 6.64)	Yes				

2.11 Do all floor coverings in clinical and decontamination areas have coved edges that are sealed and impervious to moisture? (6.47)		No	Front surgery recently upgraded to compliance, Back surgery still to be done.
2.12 Are keyboard covers or "easy- clean" waterproof keyboards used in clinical areas? (6.66)	Yes		
2.13 Are toys provided easily cleaned? (6.73)	Yes		
2.14 Confirm free standing or ceiling mounted fans are not used in clinical/ decontamination areas? (6.40)	Yes		
2.15 Is cleaning equipment colour- coded, in accordance with the National Patient Safety Agency recommendations as detailed in HTM 01-05? (6.53)	Yes		
2.16 Is cleaning equipment stored in a non-clinical area? (6.60)	Yes		
2.17 Where disposable single-use covers are used, are they discarded after each patient contact? (6.65)	Yes		
2.18 Are the surfaces of equipment cleaned between each patient (E.g. work surfaces, dental chairs, curing lamps, delivery units, inspection handles and lights, spittoons, external surface of aspirator and X-ray heads)? (6.62)	Yes		
2.19 Are all taps, drainage points, splash backs, sinks, aspirators, drains, spittoons, cleaned after every session with a surfactant/detergent? (6.63)	Yes		
2.20 Are floors, cupboard doors and accessible high level surfaces and floors cleaned daily? (6.63)	Yes		

2.21 Is there a designated area for the disposal of dirty water, which is outside the kitchen, clinical and decontamination areas; for example toilet, drain or slophopper (slop hopper is a device used for the disposal of liquid or solid waste)?	Yes		
2.22 Does the practice have a local policy and procedure/s for spillage in accordance with COSHH? (2.4d, 2.6)	Yes		
Provider's level of compliance			Substantially compliant

3 Hand hygiene						
Inspection criteria	Yes	No	If NO provide rationale and actions to be taken with timescales to achieve compliance with HTM 01-05.			
<b>3.1</b> Does the practice have a local policy and procedure for hand hygiene? (2.6 Appendix 1)	Yes					
<b>3.2</b> Is hand hygiene an integral part of staff induction? (6.3)	Yes					
<b>3.3</b> Is hand hygiene training provided periodically throughout the year? (1.22, 6.3)	Yes					
3.4 Is hand hygiene carried out before and after every new patient contact? (Appendix 1)	Yes					
3.5 Is hand hygiene performed before donning and following the removal of gloves? (6.4, Appendix 1)	Yes					
3.6 Do all staff involved in any clinical and decontamination procedures have short nails that are clean and free from nail extensions and varnish? (6.8, 6.23, Appendix 1)	Yes					
3.7 Do all clinical and decontamination staff remove wrist watches, wrist jewellery, rings with stones during clinical and decontamination procedures? (6.9, 6.22)	Yes					
3.8 Are there laminated or wipe- clean posters promoting hand hygiene on display? (6.12)	Yes					
3.9 Is there a separate dedicated hand basin provided for hand hygiene in each surgery where clinical practice takes place? (2.4g, 6.10)		No	Front surgery recently upgraded to compliance, Back surgery still to be done.			

			Inspection ID: 20211 /RQIA ID: 11712
<b>3.10</b> Is there a separate dedicated hand basin available in each room where the decontamination of equipment takes place? (2.4u, 5.7, 6.10)	Yes		
<b>3.11</b> Are wash-hand basins free from equipment and other utility items? (2.4g, 5.7)	Yes		
<b>3.12</b> Are hand hygiene facilities clean and intact (check sinks taps, splash backs, soap and paper towel dispensers)? (6.11, 6.63)	Yes		
<b>3.13</b> Do the hand washing basins provided in clinical and decontamination areas have :		No	Front surgery recently upgraded to compliance, Back surgery still to be done.
<ul><li>no plug; and</li><li>no overflow.</li></ul>			
Lever operated or sensor operated taps.(6.10)			
3.14 Confirm nailbrushes are not used at wash-hand basins? (Appendix 1)	Yes		
3.15 Is there good quality, mild liquid soap dispensed from single-use cartridge or containers available at each wash-hand basin?	Yes		
Bar soap should not be used. (6.5, Appendix 1)			
3.16 Is skin disinfectant rub/gel available at the point of care? (Appendix 1)	Yes		
<b>3.17</b> Are good quality disposable absorbent paper towels used at all wash-hand basins? (6.6, Appendix 1)	Yes		

3.18 Are hand-cream dispensers with disposable cartridges available for all clinical and decontamination staff? (6.7, Appendix 1)		No	Single-use containers used, not rechargeable.	
Provider's level of compliance			Substantially compliant	

4 Management of dental medical devices						
Inspection criteria	Yes	No	If NO provide rationale and actions to be taken with timescales to achieve compliance with HTM 01-05.			
4.1 Does the practice have an infection control policy that includes procedures for the use, maintenance, service and repair of all medical devices? (1.18, 2.4a, 2.6, 2.7, 3.54)	Yes					
4.2 Has the practice carried out a risk assessment for legionella under the Health and Safety Commission's "Legionnaires' disease - the control of legionella bacteria in water systems Approved Code of Practice and Guidance" (also known as L8)? (6.75-6.90, 19.0)	Yes					
4.3 Has the practice a written scheme for prevention of legionella contamination in water pipes and other water lines?(6.75, 19.2)	Yes					
<b>4.4</b> Impression material, prosthetic and orthodontic appliances: Are impression materials, prosthetic and orthodontic appliances decontaminated in the surgery prior to despatch to laboratory in accordance with manufacturer's instructions?(7.0)	Yes					
4.5 Impression material, prosthetic and orthodontic appliances: Are prosthetic and orthodontic appliances decontaminated before being placed in the patient's mouth? (7.1b)	Yes					
4.6 Dental Unit Water lines (DUWLs): Are in-line filters cleaned/replaced as per manufacturer's instructions?(6.89, 6.90)	Yes					

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4.7 Dental Unit Water lines (DUWLs): Is there an independent bottled-water system used to dispense distilled, reverse osmosis (RO) or sterile water to supply the DUWL? (6.84)	Yes	
4.8 Dental Unit Water lines (DUWLs): For dental surgical procedures involving irrigation; is a separate single-use sterile water source used for irrigation? (6.91)	Yes	
4.9 Dental Unit Water lines (DUWLs): Are the DUWLs drained down at the end of every working day?(6.82)	Yes	
4.10 Dental Unit Water lines (DUWLs): Are self-contained water bottles (bottled water system) removed, flushed with distilled or RO water and left open to the air for drying on a daily basis, and if necessary overnight, and in accordance with manufacturer's guidance? (6.83)	Yes	
4.11 Dental Unit Water lines (DUWLs): Where bottled water systems are not used is there a physical air gap separating dental unit waterlines from mains water systems. (Type A)?(6.84)	Yes	
4.12 Dental Unit Water lines (DUWLs): Are DUWLs flushed for a minimum of 2 minutes at start of each working day and for a minimum of 20-30 seconds between every patient? (6.85)	Yes	
4.13 Dental Unit Water lines (DUWLs): Are all DUWL and hand pieces fitted with anti-retraction valves? (6.87)	Yes	
4.14 Dental Unit Water lines (DUWLs): Are DUWLs either disposable or purged using manufacturer's recommended disinfectants? (6.84-6.86)	Yes	

4.15 Dental Unit Water lines (DUWLs): Are DUWL filters changed according to the manufacturer's guidelines? (6.89)

Provider's level of compliance

Inspection ID: 20211 /RQIA ID: 11712

Yes

Compliant

5 Personal Protective Equipment					
Inspection criteria	Yes	No	If NO provide rationale and actions to be taken with timescales to achieve compliance with HTM 01-05.		
<b>5.1</b> Does the practice have a policy and procedures for the use of personal protective equipment? (2.6, 6.13)	Yes				
<b>5.2</b> Are staff trained in the use of personal protective equipment as part of the practice induction? (6.13)	Yes				
<b>5.3</b> Are powder-free CE marked gloves used in the practice? (6.20)	Yes				
<b>5.4</b> Are alternatives to latex gloves available? (6.19, 6.20)	Yes				
<b>5.5</b> Are all single-use PPE disposed of after each episode of patient care? (6.21, 6.25, 6.36c)	Yes				
<b>5.6</b> Is hand hygiene performed before donning and following the removal of gloves? (6.4 Appendix 1)	Yes				
<b>5.7</b> Are clean, heavy duty household gloves available for domestic cleaning and decontamination procedures where necessary? (6.23)	Yes				
<b>5.8</b> Are heavy-duty household gloves washed with detergent and hot water and left to dry after each use? (6.23)	Yes				
<b>5.9</b> Are heavy-duty household gloves replaced weekly or more frequently if worn or torn? (6.23)		No	Used until visibly unsuitable		

<b>5.10</b> Are disposable plastic aprons worn during all decontamination processes or clinical procedures where there is a risk that clothing/uniform may become contaminated? (6.14, 6.24-6.25)	Yes		
<b>5.11</b> Are single-use plastic aprons disposed of as clinical waste after each procedure? (6.25)	Yes		
<b>5.12</b> Are plastic aprons, goggles, masks or face shields used for any clinical and decontamination procedures where there is a danger of splashes? (6.14, 6.26-6.29)	Yes		
<b>5.13</b> Are masks disposed of as clinical waste after each use? (6.27, 6.36)	Yes		
<b>5.14</b> Are all items of PPE stored in accordance with manufacturers' instructions? (6.14)	Yes		
<b>5.15</b> Are uniforms worn by all staff changed at the end of each day and when visibly contaminated? (6.34)	Yes		
<b>5.16</b> Is eye protection for staff used during decontamination procedures cleaned after each session or sooner if visibly contaminated? (6.29)	Yes		
<b>5.17</b> Is eye protection provided for the patient and staff decontaminated after each episode of patient care? (6.29)	Yes		
Provider's level of compliance		1	Substantially compliant

6 Waste						
Inspection criteria	Yes	No	If NO provide rationale and actions to be taken with timescales to achieve compliance with HTM 07-01.			
6.1 Does the practice have a policy and procedure/s for the management and disposal of waste? (2.6, 6.1 (07-01) 6.4 (07-01))	Yes					
6.2 Have all staff attended induction and on-going training in the process of waste disposal? (1.22, 6.43 (07-01) 6.51 (07-01))	Yes					
<b>6.3</b> Is there evidence that the waste contractor is a registered waste carrier? (6.87 (07-01) 6.90 (07-01))	Yes					
6.4 Are all disposable PPE disposed of as clinical waste? (6.26, 6.27, 6.36, HTM 07-01 PEL (13) 14)	Yes					
6.5 Are orange bags used for infectious Category B waste such as blooded swabs and blood contaminated gloves? (HTM 07-01, PEL (13) 14, 5.39 (07-01) Chapter 10 - Dental 12 (07-01))	Yes					
6.6 Are black/orange bags used for offensive/hygiene waste such as non-infectious recognisable healthcare waste e.g. gowns, tissues, non-contaminated gloves, X-ray film, etc, which are not contaminated with saliva, blood, medicines, chemicals or amalgam? (HTM 07-01, PEL (13) 14, 5.50 (07-01) Chapter 10-Dental 8 (07-01))	Yes					
<b>6.8</b> Are black/clear bags used for domestic waste including paper towels? (HTM 07-01, PEL (13) 14, 5.51 (07-01))	Yes					

<b>6.9</b> Are bins foot operated or sensor controlled, lidded and in good working order? (5.90 (07-01))		No	 worktops with hatch
6.10 Are local anaesthetic cartridges and other Prescription Only Medicines (POMs) disposed of in yellow containers with a purple lid that conforms to BS 7320 (1990)/UN 3291? (HTM 07-01 PEL (13) 14, Chapter 10 - Dental 11 (07-01))	Yes		
<b>6.11</b> Are clinical waste sacks securely tied and sharps containers locked before disposal? (5.87 (07-01))	Yes		
<b>6.12</b> Are all clinical waste bags and sharps containers labelled before disposal? (5.23 (07-01), 5.25 (07-01))	Yes		
6.13 Is waste awaiting collection stored in a safe and secure location away from the public within the practice premises? (5.33 (07-01), 5.96 (07-01))	Yes		
6.14 Are all clinical waste bags fully described using the appropriate European Waste Catalogue (EWC) Codes as listed in HTM 07-01 (Safe Management of Healthcare Waste)?(3.32 (07-01))	Yes		
<b>6.15</b> Are all consignment notes for all hazardous waste retained for at least 3 years?(6.105 (07-01))	Yes		
6.16 Has the practice been assured that a "duty of care" audit has been undertaken and recorded from producer to final disposal? (6.1 (07-01), 6.9 (07-01))	Yes		
6.17 Is there evidence the practice is segregating waste in accordance with HTM 07-01? (5.86 (07-01), 5.88 (07-01), 4.18 (07-01))	Yes		
Provider's level of compliance			Substantially compliant

7 Decontamination					
Inspection criteria	Yes	No	If NO provide rationale and actions to be taken with timescales to achieve compliance with HTM 01-05.		
<b>7.1</b> Does the practice have a room separate from the patient treatment area, dedicated to decontamination meeting best practice standards? (5.3–5.8)	Yes				
<b>7.2</b> Does the practice have washer disinfector(s) in sufficient numbers to meet the practice requirements? (PEL(13)13)	Yes				
<b>7.3</b> Are all reusable instruments being disinfected using the washer disinfector? (PEL(13)13)	Yes				
<b>7.4</b> Does the practice have steam sterilisers in sufficient numbers to meet the practice requirements?	Yes				
<b>7.5 a</b> Has all equipment used in the decontamination process been validated?	Yes				
<b>7.5 b</b> Are arrangements in place to ensure that all equipment is validated annually? (1.9, 11.1, 11.6, 12,13, 14.1, 14.2, 15.6)	Yes				
<b>7.6</b> Have separate log books been established for each piece of equipment?	Yes				
Does the log book contain all relevant information as outlined in HTM01-05? (11.9)	Yes				

7.7 a Are daily, weekly, monthly periodic tests undertaken and recorded in the log books as outlined in HTM 01-05? (12, 13, 14)	Yes		
<b>7.7 b</b> Is there a system in place to record cycle parameters of equipment such as a data logger?	Yes		
Provider's level of compliance			Compliant
Please provide any comments you	u wish to ac	dd regarding good p	oractice

## **Appendix 1**



Name of practice: Townhouse Dental Practice

## **Declaration on consultation with patients**

The need for consultation with patients is outlined in The Independent Health Care Regulations (Northern Ireland) 2005, Regulation 17(3) and The Minimum Standards for Dental Care and Treatment 2011, Standard 9.

1	intervals?						
	Yes	Yes	No				
	If no or of	ther please give	e details:				
2	If appropris	ate has the fee	dhack provi	ded by nationts be	en used by the se	rvice to improve?	
_	Yes	Yes	No		en used by the se	ivide to improve :	
3	Are the res	sults of the cons	sultation ma	ide available to pa	tients?		
	Yes	Yes	No				