



DENTISTRY
IQ

Dentistry IQ has eye appeal!

By David Petrikas

A new dental practice overseen by a project manager skilled in glazing and commercial construction has delivered a very aesthetically pleasing, practical and cost-effective result for a Sydney dentist.

Dentistry IQ is operated by Dr Silfat Shamali, who wanted to establish her own dental practice to provide quality and value-for-money care for patients in this part of Sydney.

Dentistry IQ is located in a modern, eye-catching new development incorporating Bass Hill Medical Centre that fronts 858 Hume Highway, Bass Hill in South Western Sydney.

Bass Hill and the surrounding suburbs are undergoing a transformation including the modernisation of homes and increased population density marked by the number of duplexes replacing single dwellings.

This augurs well for patient demand, making the modern new building an ideal location to offer family dental services to complement the other health services on offer including medical centre, diagnostic imaging, pathology laboratory, pharmacy and upscale cafe.

When it came to building the practice, Dr Shamali and her husband sought the help of her brother-in-law, Feras Mahfoud, who has experience in both residential construction and commercial building – including supplying the impressive glass façade at Bass Hill Medical Centre.

Mr Mahfoud, in turn, approached surgery designer, Meow Lim, for guidance on layout, especially for the steri area. Working with Dr Shamali and her husband, the family together came up with a layout and design that suited their requirements and made the best use of the compact space.

Using his contacts, Mr Mahfoud was able to arrange the necessary building works to be completed to the required standard, using easy-to-maintain materials and finishes and also ensure the proper installation of the suction and other services.

Adjustments to the initial plan were made to accommodate structural issues such as roof support columns and under floor reinforcements. Allowance was also made for wheelchair access from the adjoining medical centre.



Electrically operated cavity-sliding glass doors are both attractive and space efficient without obstructing chair access. The use of frosted glass provides privacy for patients, while still allowing in natural light.

The colour palette and furnishings, which were chosen by Dr Shamali and her family, are both relaxed and contemporary. Elements include off-white stone benches, a linear natural timber wall and ceiling battens and timber-effect flooring.

surgery | DESIGN



Fabric upholstered patient chairs pick up on the muted natural hues and help tie the individual materials and finishes together in a complementary manner.

The practice's identity is embedded in bright blue signage and the attractive and plush cyan sewn upholstery on the A-dec 400 dental unit, which is fully equipped with an ambidextrous "Radius" delivery system, monitor mount and LED operatory light.

The team at Dentistry IQ looked at a number of options before deciding to source all the practice's equipment from leading NSW A-dec dental dealer, Presidential.

Sydney-based Presidential equipment specialist, James Wallace, was able to come up with a total package incorporating

the dental units, handpiece reprocessing and sterilisation equipment, digital imaging, compressor and suction.

All the equipment has been sourced from some of the world's leading dental equipment suppliers, namely A-dec, W&H, Acteon and Cattani respectively.

Presidential's technicians were also able to install the equipment and arrange the necessary X-ray and sterilisation certifications to get the practice up and running.

Dr Shamali said she chose A-dec for its quality and reputation for reliability, as well as its streamlined and attractive appearance and chair comfort. The sumptuous bright blue "cyan" coloured upholstery is both comfortable and the perfect complement to the practice's corporate colours.



Summary

The Practice

The Practice	Dentistry IQ
The Principals	Dr Silfat Shamali
Practice Type	General
Location	Bass Hill, Sydney, New South Wales
Size	63 square metres
No of chairs	1 + 1

The Team

Colour & Design	Owners + Meow Lim, Metaforce, Sydney
Construction & Joinery	SS Glass, Sydney
Project Manager	Feras Mahfoud
Installer	Presidential

Equipment

Dental Units	A-dec 400
Sterilisation	W&H Lisa VA
X-ray	X-Mind DC with Acteon PSPIX Phosphor Plate Scanner
Compressor	Cattani AC200
Suction	Cattani Cube
Software	Dental4Windows Sopro Imaging

The A-dec 400 dental unit provided everything required in a delivery system without any unnecessary and complicated electronics - unlike other brands that were initially considered. The delivery system is also left and right-hand compatible and the combined monitor/light mount swings easily out of the way for easier access to the chair and surgery.

Dr Shamali said patients were delighted with the look and feel of the patient chair and that she found the A-dec 400 easy to use. The matching A-dec 500 doctor's and assistant's stools are also extremely comfortable and designed to support an ergonomic posture for both the dentist and assistant while working.

The chair is fully equipped with quality W&H instruments, an Acteon Satelec ultrasonic scaler and Sopro 717 intraoral camera, which links to both a chair-mounted and overhead monitor.

Other critical equipment in the surgery includes an Acteon X-Mind DC X-ray unit and the latest PSPIX desktop phosphor image plate scanner for rapid processing of X-ray images. Dr Shamali also uses an STA Single Tooth Anaesthesia analgesic unit for pain control.

The sterilisation room, which is tucked neatly behind reception, has ample storage

and built-in tray racks and is equipped with the latest B Type Lisa VA steriliser that features automatic load sensing and fast "Eco-Cycle" sterilisation cycles.

Instrument processing is streamlined thanks to the use of the innovative new W&H Assistina TWIN handpiece maintenance unit that can clean and properly lubricate a dental handpiece in just 10 seconds.

Maximum use of floor area has been achieved by a flowing layout that provides good access and optimum space for both the existing and a proposed second surgery.

