



Dear Colleagues:

In May 2013, Queensway Optometric Centre had the unique opportunity to evaluate three OCT units in our clinic at the same time for one week. The OCT units were recently released models from three major Canadian suppliers and were being marketed for a similar cost. Several patients were imaged on all three instruments to provide a valuable comparison between each machine. Afterwards, our team of optometrists and staff evaluated each OCT unit for ease of use and image quality. At the end of this process, we chose the **Topcon 3D OCT-1 Maestro**.

For our clinic, the Topcon Maestro provided an ideal balance between cost and functionality. There were several features that were particularly appealing:

- The **adjustable control panel** enabled our staff to interact with the patient from virtually any position. As well, the design of control panel allowed us to install the unit in a variety of locations, which would be important for a clinic where space is a little tight.
- The **built-in fundus camera** is a valuable tool for both interpreting OCT images and also for patient counselling. While other OCT units with fundus cameras do exist, they are typically more expensive.
- The **auto-alignment** feature makes positioning and focusing easier for your technician.
- The **high scanning speed** (50,000 A-scans/second) enables the Topcon Maestro to capture OCT images quickly, reducing the artifacts created by eye movement and blinking.
- This unit produced **outstanding image quality** with excellent resolution.
- The **full-featured software** is user-friendly and offers a versatile array of options to view and analyze OCT images.
- The available **12mm x 9mm wide field OCT** can capture both the macular and optic nerve head in one scan. This is ideal for quick, routine screening of regular patients.
- The OCT unit has been paired with **powerful computer hardware** ensuring the image rendering is quick and reports can be generated almost instantaneously.
- Optional **review software** can be installed to enable you to review results in your exam room.

We are looking forward to working with the machine further. If you wish to see this OCT in action, please contact our office to arrange a visit!

Regards,

QUEENSWAY OPTOMETRIC CENTRE (Mississauga)

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