

# CSA Z8000 – What it Means to You?

## CSA Z8000 – What is it?

In September 2011, CSA published the first Canadian Standard for Health Care Facilities, which provides requirements and guidance for the planning, design, and construction. It is intended to be used by all facilities providing health care services regardless of type, size, location or range of services.

## Is CSA Z8000 Mandatory?

The CSA Z8000 is not mandatory at present, but all major accredited hospitals in Canada and some in the US have adopted this as the industry bible assuring a best practice approach. As for private clinics and medical offices, to the best of our knowledge, DCL facilities are the first to adopt the standard into our guidelines and construction. We believe that by utilizing these guidelines, DCL facilities will benefit both patients and the medical practitioners by addressing common concerns of cost effectiveness, management, accessibility, risk prevention and environmental concerns.

## Developed for Use by...

Architects, engineers, planning and project managers, contractors, and builders, commissioning teams, facility managers, maintenance managers, infection prevention and control personnel and other health care professionals.

## Evidence Based Design

As outlined in the CSA Z8000 standard, Health Care Facilities can create a physical environment that promotes positive health outcomes, quicker recovery, a reduction in medical errors, and the recruitment and retention of valued caregivers. Thousands of scientific articles identified more than 600 quality studies showing that hospital design does impact clinical outcomes.

## DCL Medical Centres

Innovation Meets Industry Needs:

- CSA Z8000 Compliant
- Up to 70% Energy Savings
- 40% Reduction in Water Usage
- 100% LED lighting for reduced energy costs
- Smart building systems
- Unique antimicrobial copper building hardware
- Air Scrubbing technology
- Flood Risk Mitigation by Rain and Storm Water Harvesting
- Operable Windows/Daylight Harvesting
- Zoned Temperature Control

*“The Healthcare Facilities Standard is the standard for healthcare facilities of the future – it’s a prescription for improving the health of Canadian patients through efficient design.”*

–Bonnie Rose (President of CSA Standards)

## THE GOAL OF CSA Z8000

To ensure that the outcomes of those under the care of a Health Care Facility are improved where design and construction can assist these outcomes.

## ACHIEVING THE GOAL

Focus on safety, efficiency and impacts of the physical environment and atmosphere.