

# Medicanvas - an innovative medical view box

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*A brilliant invention of a modern view box using TFT-LCD Backlight - The first of its kinds*

*"I usually spend more than 5 hours a day examining films on a conventional view box, so it can cause me great eye strain. But, Medicanvas® has a blue-type light lamp which does not flicker. This reduces eye strain and enables me to use it for longer periods of time." - Participant Doctor at European Congress of Radiology (ECR, Vienna, 2002)*





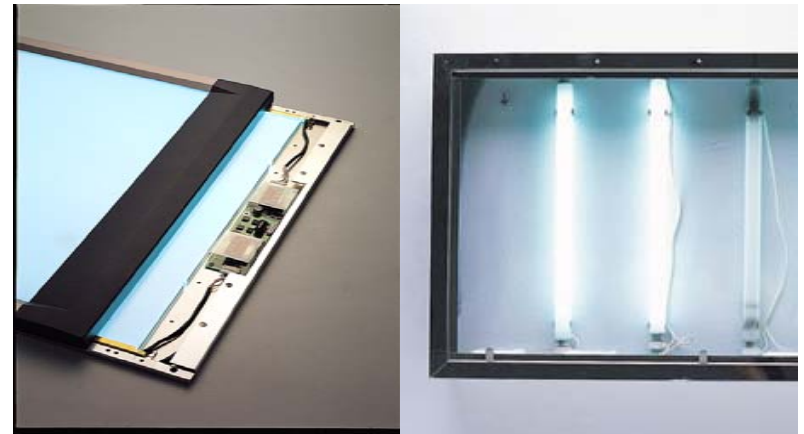
# Medicanvas - *an innovative medical view box*

The ***Medicanvas View Box*** far out Performs Conventional View Box's on a number of aspects including efficiency, cost effectiveness and design. Below we highlight the superior performance features of the Medicanvas.

## 1. Excellent Uniformity of Light Distribution

The backlight technology used by Medicanvas is the same as that used in Laptop computers, and distributes the light evenly.

The uniformity of Light Distribution is more than 90%. This facilitates more accurate film reading, while reducing eyestrain thereby enabling viewing for longer periods of time.

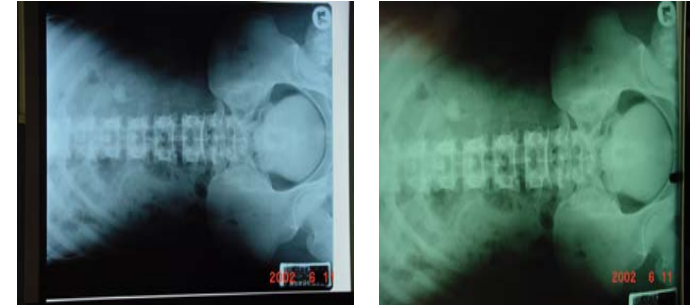




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## 2. Blue Light is more suited to X-ray Films

Medicanvas uses the latest CCFL Lamp technology, which emits an 8,600-kelvin colour temperature. This produces a blue type light more suitable for reading X-ray films.



## 3. Greatly Reduced Eye Fatigue

The latest CCFL Lamp used in the Medicanvas flickers 40,000 times per second. At this rate, the eye cannot recognise flickering, thereby reducing the level of eye- fatigue, even if watched for a longer period.



*Note: The Iris of an eye enlarges to facilitate viewing in the darker areas and narrows to enable viewing in brighter areas. By using a view box with a low uniformity of light distribution, the iris must continually readjust when looking at different areas of the screen. This results in increased eyestrain, even after only 10 minutes of viewing.*



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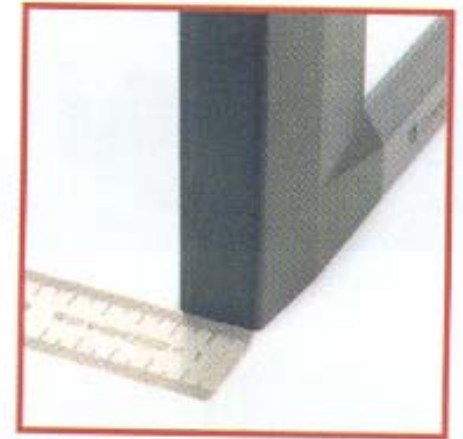
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## **4. Longer Lamp Lifetime (20,000 hours)**

The lamp used by Medicanvas lasts for 20 year without the need to replace it. The advanced CCFL (Cold Cathode Fluorescent Lamp) emits a very low level of heat. This reduces the need to clean and replace lamps as frequently, thus saving a lot of time and money.

## **5. Ultra Modern Technology**

Medicanvas is the Worlds slimmest view box at 2.5cm depth, and the first to use TFT-LCD backlight technology. Korea has the largest market share of TFT-LCD technology in the world.

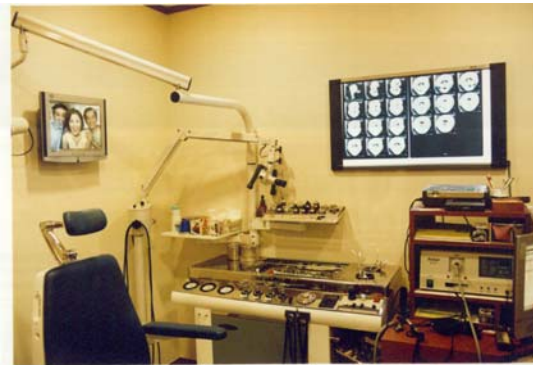




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## 6. Ultra Modern Design

Medicanvas is a view box but looks more like an elegant and sophisticated PDP-flat TV. It is also easy to install as it hangs on the wall in a similar fashion. It gives a professional appearance to a consultation area, and with a slim and high tech design, it provides for an efficient and flexible use of space. Medicanvas is the professional Interior designers preferred choice.



***“We call the conventional view box the “Grand Father of all view boxes” because the design and technology has not improved for the past 100 years.” - Sales Representatives, RSNA, USA -***

***“ We have spent so much time and money on a 7cm thick View Box, but the Medicanvas View Box at 2.5cm think is just so much more innovative, we would not waste any more time.” - French Distributor-***

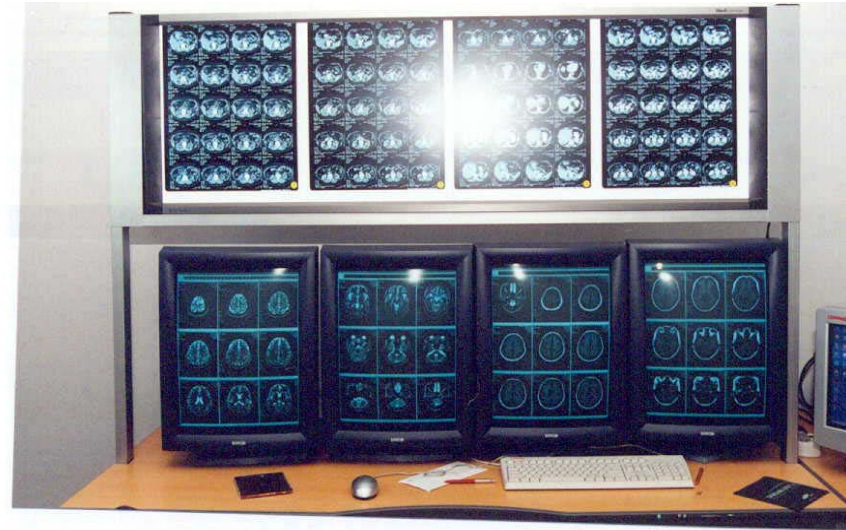
***“Medicanvas® is the best in the world. We use a view box made from the USA, but Medicanvas® looks better in design and in thickness. If I use Medicanvas®, other doctors will surely like it also.” - Orthopaedic Surgeon Seoul National University –***



# Medicanvas – Options & Applications



*Stand Type*



*Combination with PACS monitor*



*With Handle*