

# HEALTHCARE RADIUS

Aligning business and healthcare in India

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**PROJECT**  
MEDICS INTERNATIONAL  
HOSPITAL, LUCKNOW

**DIAGNOSTICS**  
AUTOMATION IN  
LABORATORIES

**MARKET**  
THE BOOM IN  
BIRTHING CENTRES

## SOUTHERN COMFORT

**DR NALLA G PALANISWAMI**, CHAIRMAN, KMCH,  
SPEAKS ON THE REASONS THE GROUP'S EXPANSION  
PLANS ARE CENTRED AROUND TAMIL NADU



# A tertiary care in the city of nawabs

**Name of the hospital:** Medics International Hospital

**Location:** The proposed hospital is located on Kanpur Road, Lucknow.

**Type of project:** It is a green field project by Lucknow-based Medics International Lifesciences.

**Type of hospital:** The hospital is a multi specialty tertiary care set-up with focus on oncology, cardiology, critical care, trauma and gastroenterology.

**Bed strength:** Over 300

**Built-up area:** 3,30,000 square feet

**Status of the project:** The project is currently under advanced construction and scheduled to be completed in the first half of 2016.

**Patient profile:** Says Dr Sushil Gattani, chairman, Medics International Lifesciences, and co-owner at Avadh Hospital, Lucknow, "The hospital is intended to cater to patients across all socio-economic strata."

**Cost of the project:** Rs 250 crore (Rs 150 crore for building and services and Rs 100 crore for medical furniture and equipment).

**Nature of funding:** A mix debt and equity.

**Type of rooms:** Private and semi-private rooms have been provided along with VIP suites and general wards.

**Patient catchment area:** The primary patient catchment area is the district of Lucknow and surrounding districts.

**USP of the project:** The design of the building responds to the site with views of the surrounding parks and green areas given importance in the patient areas. A grand entrance space leads to an expansive podium area while a high tower houses the in-patient department.

**Technology:** TrueBeam linear accelerator for radiation oncology, state-of-the-art operation theaters, cath labs and others.

**About design:** The building form is oriented in such a way that the majority of the rooms, especially in the in-patient departments, face towards the northeast direction which offers excellent views across the green areas, while drawing in copious amounts of light into the building. The surrounding garden spaces also flow into the facility through the use of courtyards, lawns and the tree lined streets around the building. The architectural language of the building is modern in line with the approach to form and function, with green spaces and highlights that are created in the form of stepped terraces.

**Architect:** Manu Malhotra, RSMS Architects. 



Dr Sushil Gattani, chairman, Medics International Lifesciences



# Bright ideas

External lighting is a crucial aspect of planning and design

BY MANU MALHOTRA

While architecture is the face of the building and planning the backbone of healthcare facilities, lighting is the accessory providing highlights and embellishments, whether subtle or bold, playful or subdued. Good lighting should blend into the architecture like an inherent piece of the design, yet it should stand out to be noticed.

At night, healthcare facilities are silent and still with little or no activity or movement on the premises. To a visitor or patient, such an atmosphere might prove to be scary or psychologically intimidating. Well-designed lighting can help ease the stress of the visitor in such a situation by providing clear and well-lit pathways, with lighting aiding the visitor in way finding in conjunction with signages.

Lighting used for pedestrian pathways needs to be subtle, while ensuring well-lit walkways free of shadows. The green areas along the pathways can be highlighted by strategically placed luminaires which make the park and garden spaces seem lively, negating dark corners and shadows that may be disturbing. This can be achieved through a combination of bollard lights and pole lights placed strategically.

External lighting at Paros HMRI Hospital, Patna.

We have to attempt to create signage systems which are not lit during the day but can come to life at night and merge into the overall external lighting scheme. We have to be intelligent in the use of signage which can double up as ambient light during the night.

An atmosphere of harmonious lighting eases the visitor, calming his nerves, drawing away the tension, while making the surroundings appear friendlier. A well-lit drop off zone and entrance helps in easy location, while welcoming the visitor with cheerfulness. Another way of improving the patient experience is through the use of festive lighting. We can take a step further and integrate the festive lighting into the facade and the external lighting of the building. The festive lights may be used on occasions such as festivals and national holidays. Integrating this intelligently into the system allows for ease of maintenance and control, while the lighting itself can bring cheer and joy to the patients-making them feel at home. **HR**



Manu Malhotra is one of the founding directors of RSMS Architects Pvt. Ltd.