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# Inspiring Healthy Healing By Design



Main lobby



Waiting area out-patient clinics



Ground floor dining area

Following the successful award-winning design for Bumrungrad International Hospital in Bangkok, Thailand, world-class architecture and interior design firm dwp was commissioned to create the interiors of a new 550-bed hospital in Noida, India, set to become a benchmark for the Indian healthcare industry. Text by Nikki Busuttill, freelance communications consultant, dwp. Photos courtesy of dwp.

– families and patients alike,” she added.

Recreating natural healthy environments allows the patients and other visitors from all around the world to feel at ease, and hopefully heal faster, since stress can negatively impact one's health, every effort should be undertaken to try to eliminate this, in as far as possible, from the equation. For interior design, this means creating a visual and ambient effect that promulgates a sense of serenity and well-being. As nature is indeed common to every culture, and given that JMC intends to serve patients from around the country and the world, this was chosen as an essential theme to incorporate. Therefore, bringing the outdoors in, access to daylight and scenic views were to be optimised, at each opportunity, which was also linked to the fact that some studies have apparently proven that patients would be discharged from hospital earlier, if only they had better access to daylight and views. “Extensive use of natural materials and enhancement of natural daylight not only help achieve the design goals, but are also part of the measures taken to shape

The architects and MEP engineers for this innovative Indian healthcare facility, Jaypee Medical Centre (JMC), are RSP India, who created the 10-storey, nearly 80,000 square metres, structural envelope for dwp's interior concept. This is Jaypee Group's first hospital endeavour, and their ambitious plans push the bar to the limit, in order to establish a whole new level and point of reference for future healthcare, within India's expanding market. Jaypee Group has benevolently requested that an ‘economy’ Intensive Care Unit (ICU), to cater to the poor, also be integrated into the layout.

‘Healing in a healthy, natural environment’ was what dwp and the client wanted patients to fully experience. For dwp, hospitals should resemble natural habitats, full of energy, life and diversity. “Fostering relationships between the elements and embracing their role as comprehensive resources for healing at all levels, hospitals can aid patients to a faster recovery. It is all about well-being,” commented Sylvie Meunier, Design Director for dwp Thailand and Project Director for JMC, taking an integral role in this cross-border project. “Visitors should be surprised by what they see, and almost forget why they are there

an environmentally-friendly building,” noted Sylvie.

The design of every room recalls a different soothing, natural environment. The in-patient rooms recreate the feeling that baby birds would have in their mother's nest: cocooned and nurtured. Beds are close to the window and family is assuringly nearby, as they can be accommodated to sleep near the patient. All types of rooms have this convenient feature: VIP suites (1 bed), deluxe rooms (1 bed), twin sharing rooms (2 beds), and triple rooms (3-beds), as well as the same for 4-bedded and 5-bedded rooms. While the concept is the same for each room type, materials and finishes vary. The good-hearted Chairman of Jaypee Group is most insistent on ensuring the treatment of ‘economy’ patients, be equal to that of VIP patients, regardless of their room type, as with fine hotels.

An intentionally large atrium provides a vast amount of light to the public corridors on the in-patient ward floors (top 3 floors). In the atrium, dwp created a type of indoor garden for patients well enough to visit and relax. The air is also purified due to the plants there, which is believed to accelerate the healing process.

Waiting areas have been fashioned like parks within the hospital, to further generate a comforting and relaxing atmosphere. It is not only important for the patients to feel comfortable, but is also seen as beneficial for their relatives/visitors, as well as the staff, to be in a calming, soothing environment.

All out-patient clinics have been developed according to five different themes, based on the sensations and emotions dwp wishes to instill in the patients: Relaxation is reflected in the connection to nature, pure lines and horizontality; Distraction is enhanced by

diversity, movement and multi-angularity; Playfulness is conveyed with colour and curves; Energy is transmitted through dynamic, bright aspects and movement; while a Comforting sensation is augmented by structure, rhythm and verticality of the design components.

This JMC project has been registered with the IGBC (Indian Green Building Council) and is aiming for LEED Platinum Certification for new constructions. To this end, the design team has adopted certain strategies for the betterment of the environment, which include the use of PV panels for electricity generation, the recuperation of rainwater, energy-efficient lighting and HVAC systems, as well as the use of eco-friendly materials for both the architecture and interiors. These materials have, of course, been adapted to healthcare environments, comprising regional, recycled, reused, rapidly-renewable and low-emitting materials, but also certified woods, and highly durable options, to name but a few.

“Creating green (LEED) interiors for a healthcare building is the most logical, natural progression, as what is good for our planet, is also good for us and our health,” assured Sylvie. Green buildings mean healthier surrounding, which implicate benefits such as lower emissions. dwp is committed on a broad scale to promoting greener design and greener buildings throughout the various industries and sectors of its work in both architecture and interior design.

The planned completion of all works and scheduled opening of the Jaypee Medical Centre, in Noida, India, is set for mid 2012.

## PROJECT DATA

**PROJECT NAME:** Jaypee Medical Centre (JMC)  
**LOCATION:** Noida, India  
**AREA:** 79,400 square metres  
**COMPLETION:** Mid 2012



Atrium on in-patient ward floors



Waiting area cosmetology department



Deluxe patient rooms