



2005 Emerald Award Winner For Environmental Excellence

Sponsored by the Broward County Board of County Commissioners
And the Environmental Protection Department

Environmental Business of the Year

Imperial Point Medical Center is part of the North Broward Hospital District (NBHD), one of the top ten largest hospital systems in the United States and the largest in Florida. Imperial Point Medical Center is well regarded for its highly personalized customer service and award winning care. The 204-bed medical center offers a full range of services

Environmental Accomplishments:

- Changed from disposable to reusable wall-mounted sharps containers
- Incorporated the irrigation system into their energy management system. Now zones turn off and on based on weather conditions. Will not come on during rain. Irrigation flow is also monitored and unusual increases in flow rate (potential leaks) will trigger an alarm and shut off the system. The system will identify the zone where the potential leak exists which facilitates repair.
- Decrease in biohazardous waste of 54% since 2000 due to employee education. Marked decrease due to special program with operating room orderlies.
- Blue towels on surgical trays now washed and reused as rags. Formerly disposed as biohazardous waste. Success of this program has been shared with other hospitals.
- Relocated biohazardous waste containers a few steps away from the regular trash. This action encourages staff to consciously think about whether an item is biohazardous or solid waste.
- Now have only one x-ray processor left on site (for use as a back up as needed). All other x-rays are now digitally processed. This has resulted in a 50% reduction in photochemical waste.
- \$21,645 saved due to electricity use reduction and \$11,876 was saved from natural gas reduction for a total of \$33,521 saved in fiscal year 2005.
- Applied a spray polyurethane foam (SPF) on their roof. SPF is sprayed directly on the existing roof surface to form a seamless, waterproof, insulated coating. This reflective coating saves money on cooling costs.



Temperature readings taken on conventional roofing compared to the new Spray Polyurethane roofing show a 39 degree difference.



Hospital grounds reflect good coverage by the irrigation system using the energy management system.



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