

POLITECNICO DI TORINO
Master of Science Program Architecture
Honors theses

Color as a Proposed Method in Adjuvant Therapy. The case of oncology departments.

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Sustainability in hospitals and chromatic restyling for hospital wards is part of a broader view of what increases the quality of life for patients in a planned environmentally friendly setting. This dissertation focuses on documentation and bibliographic sources of various kinds, and reports on on-site inspections and investigations in oncology departments, with the aim of systematically gathering ideas for new designs. An equally important focus is on communication with the professionals actively involved. In Part 1, the theme of color and how color is dealt with is examined in healthcare provisions from international law down to regional regulations. It was decided to explore the legal aspects of the question inasmuch as they are called into play when we address safety, issues regarding structural renovation, distribution adjustments, new construction, and chromatic restyling. In Part 2, a systematic approach to color is based on knowledge of work by color experts. Such an approach leads to ideas for designs and the establishment of guidelines for chromatic restyling that is humanizing. The third part of this dissertation identifies the specific nature of users of oncology departments and their needs, along with any other activities that may be integrated with chromatic restyling to make the atmosphere more comfortable, cheerful and accommodating in the routine of cancer patients. For examples of how oncology departments can be humanized, case studies recently implemented in Italy and internationally are examined and catalogued. The fourth part presents a quantification of humanization interventions and the economic and social relevance attributed to such interventions in budget estimates for 2012-14. From the websites of local health services, hospitals and research centers in the Region of Piemonte, a complete list was compiled to see which structures have oncology departments and/or outpatient clinics with services for cancer patients, with the aim of obtaining a map of cancer treatment centers in the Region of Piemonte. A sample of oncology departments, outpatient clinics and diagnostic centers from across the Region was chosen for a photographic survey for descriptive analysis. They were contacted with a request for authorization and a copy of the structures' floor plans and any additional information regarding the selected case studies. The result is a set of guidelines for chromatic and comfort restyling projects in oncology departments and outpatient clinics. Adjacent connective spaces, considered essential for therapeutic procedures, are also included in the guidelines. Two chromatic restyling projects have been drafted for an outpatient clinic.



2014, by Daniela Mosso, Stairwell, proposal no. 1 for chromatic restyling for the Fiandesio Pavilion of the Saints Antonio and Biagio Hospital, in Alessandria, Italy. Photography reworked.



2014, by Daniela Mosso, Corridor with waiting area, proposal no. 1 for chromatic restyling for the hematology and oncology outpatient clinic at the Fiandesio Pavilion of the Saints Antonio and Biagio Hospital, in Alessandria, Italy. Photography reworked.



2014, by Daniela Mosso, House Day Hospital, proposal no. 1 for chromatic restyling for the hematology and oncology outpatient clinic at the Fiandesio Pavilion of the Saints Antonio and Biagio Hospital, in Alessandria, Italy. Photography reworked.

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