

I. SYMPTOMS

Andres Lepik and Tanja C. Vollmer Hospitals as Indicators of Socially Responsible Policy	8
Tanja C. Vollmer La Infirmity: The Scientific Human Scale of a New Hospital Architecture and Its Necessity	14
Lisa Luksch The Sick House and Its Healing Prospects: The Exhibition as a Collaborative Process	20
David Freis Germany's Medical Centers, between Utopia and Disillusionment	26

II. DIAGNOSIS

Joy Knoblauch 1916 to 2023: A Tale of Two Hospital Images	42
Jonas Niemann Building to Heal: A Doctor Takes Stock	52
Paul Lillrank The Logics of Healthcare	60
Linus Hofrichter and Julia Kirch Guidelines and Challenges in German Hospital Construction	70
Lisa Luksch in Conversation with Lars Steffensen A Short History of Teaching "Architecture for Health"	84
Michal Gath-Morad A Virtual Cognitive Walkthrough Approach to Support Architectural Design Pedagogy of Integrated Hospital Environments	92
Tanja C. Vollmer in Conversation with Roger S. Ulrich From Experience to Evidence	104

From Experience to Architecture	112
IPSE Plus Zwammerdam	113
Maggie's Centre Manchester	114
REHAB Basel	117
Revalidatiecentrum Groot Klimmendaal Arnhem	118

III. THERAPY

Gemma Koppen and Tanja C. Vollmer	120
The Healing Seven: Key Variables of an Evidence-Based Hospital Architecture	

Orientation

Lukas Kunz	134
Neuroscientific Insights into Mechanisms, Impairments, and Relevance of Orientation	
1 Kinder- und Jugendklinik Freiburg	138
2 AUH Universitetshospital Aarhus	144
3 Friendship Hospital Satkhira	150

Odorscape

Helene M. Loos	160
Perceiving Smells and Their Significance for Life and Survival	
4 Butaro Hospital	164

Soundscape

Ercan Altinsoy	174
Architectural Acoustics and Well-Being	
5 Zuyderland Medisch Centrum Sittard-Geleen	178

Withdrawal and Privacy

Tanja C. Vollmer	186
In Conversation with Beate Rössler	
6 Nyt Hospital Nordsjælland Hillerød	192
7 Prinses Máxima Centrum voor Kinderoncologie Utrecht	198

Power Points

Marc Wittmann	206
Perceived Time in Space: How Time Passes	
8 Mary Elizabeths Hospital (BørneRiget) København	210
9 Centre Medico Chirurgical (Sedogo Clinic) Léo	216

View and Foresight

Tanja C. Vollmer	226
In Conversation with Reinhold Messner	
10 Princess Margaret Hospital Swindon	232
11 Bürgerspital Solothurn	238

Human Scale

Torsten Lange	246
The Inadequacy of Total Measurement	
12 Isala Meppel	250
13 Kreiskrankenhaus Agatharied	256

IV. APPENDIX

Acknowledgments	264	Credits	271
Biographies	266	Colophon	272
Bibliography	268		