

Contents

Acknowledgements — V

I Theorising Digital Health & Society

Benjamin Marent

1 Digital Health and Society: A Research Agenda — 3

Chris Till

2 Foucault, Governmentality, and the Biopolitics of Digital Health — 25

Nick J Fox

3 New Materialist Approaches to Digital Health — 41

Bas de Boer

4 Postphenomenology and Affordances of Digital Health Technologies — 59

Benjamin Marent, Sebastian Merkel, Alan Petersen and Ian Tucker

5 Therapeutic Encounters with Chatbots: Towards a Sociological Approach to Human–Machine Communication — 77

II Digital Technologies & Health Practices

Stefania Vicari and Jingyi Ji

6 Expert Patients and Evil Technology? Situating Users, Platforms and Expertise in Social Media Health Content — 97

Sarah Maslen

7 Digital-Sensory Work in Diagnosis — 113

Benjamin Marent

8 The Digital Clinician–Patient Consultation — 127

Benjamin Lipp

9 Care By, For, and With Robots: Re-Thinking Agency at the Human–Machine Interface — 147

Ian Tucker, Katherine Easton, Rebecca Prestwood

- 10 Analysing the Value of Community Assets for Mental Health Support: Digital Assemblages, Creative Arts and Peer Support — 163**

Jacinthe Flore

- 11 Digital Pharmaceuticals in Emerging Forms of Mental Health Care — 183**

III Organising & Managing Digital Transformation

Sue Ziebland and John Powell

- 12 Unintended Consequences of Digitalisation in Health Care — 201**

Chiara Carboni

- 13 Medical Work in the Wake of Machine Learning — 217**

Klaus Hoeyer

- 14 Organising Cross-Border Health Data Infrastructures — 233**

Elisa Lievevrouw and Ulrike Felt

- 15 Governing Citizen-Patients: The Digital Infrastructuring of Health and Care in Europe — 255**

Nicole Gross, Susi Geiger

- 16 Digital Therapeutics (DTx) As a ‘Technical Milieu’: Overcoming Psychic and Economic Alienation Rather Than Playing Catch-Up — 279**

IV Methods For Digital Health Research & Innovation

Giada Danesi

- 17 Ethnographic Approaches for Researching Digital Health Environments — 305**

Deborah Lupton

- 18 Creative and More-Than-Human Approaches to Digital Health Research — 327**

Amy A. Hasinoff and Rena Bivens

- 19 How to Use Feature Analysis to Reveal Dominant Norms and Assumptions in a Set of Apps — 345**

Joseph Donia and James A. Shaw

20 Norms of Co-design for Digital Health Innovation — 363

Richard Milne

21 Data-driven Approaches in Biomedical Research — 381

V Socio-Political Challenges & The Governance Of Digital Health

Trisha Greenhalgh, Tiffany Veinot and Laiba Husain

22 Understanding Emerging Digital Health Disparities — 403

Alan Petersen and Barbara Barbosa Neves

23 Digital Technologies and Loneliness: Towards a Sociological Approach — 425

Henriette Langstrup

24 Digital Health Citizenship – a Spectrum from Invited to Uninvited Participation — 443

Dimitra Petrakaki

25 Digitalisation in the Global South: Health Platforms and the Phenomenon of Epistemic Colonialism — 463

Connor Hogan, Barbara Prainsack and Seliem El-Sayed

26 Data Solidarity, Public Value and the Future of Health Data Governance — 481

Louise Holly and Ilona Kickbusch

27 Governing Digital Transformations for Health — 499

List of Contributors — 523

Index — 531

