



2084

- EDITORIAL, *C. LOVIS*
- HOSPITAL OF THE FUTURE, *M. KEEN*
- FUTURE MEDICINE, TODAY'S HEALTHCARE, *S. HEINEMANN*
- LET'S CHANGE BEFORE WE HAVE TO, *M. CABRER*
- SMART CONTRACTS IN HEALTHCARE, *S. JANIN*
- PATIENT HEALTHCARE PORTALS, *M. PETERSEN*
- LABS OF THE FUTURE
- FUTURE OF AUGMENTED REALITY IN HEALTHCARE, *D. MADISON*
- CHALLENGES, OPPORTUNITIES OF TOMORROW'S RADIOLOGIST, *D. HILMI*
- UTILITY OF ARTIFICIAL INTELLIGENCE IN RADIOLOGY, *R. VIDAL-PEREZ*

TOP HEALTHCARE TRENDS
2018

THE FUTURE OF MEDICINE
BOOK, *P. BRONSON ET AL*

VISIONARY LEADERSHIP,
D. CORTESE ET AL

WOMEN IN RADIOLOGY,
S. BAKER

ROBOTICS: A CHANGE

MANAGEMENT CASE STUDY,
L. ROBSON

AWARD-WINNING 'DOCTORS'
ASSISTANTS', *S. MCNALLY
ET AL*

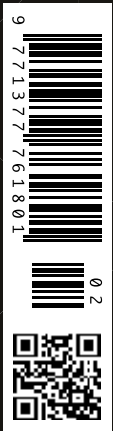
3D PRINTING AT THE JACOBS
INSTITUTE: AN UPDATE,
P. MARCUCCI

DEEP INTEROPERABILITY IN
HEALTHCARE *C. BUCKLEY,*

VIRTUAL REALITY CLINIC: A
CASE STUDY, *B. WIEDERHOLD*

MACHINE LEARNING FOR
BRAIN TUMOUR DETECTION,
D. CORONADO

ARE RANKINGS THE BEST
WAY TO DETERMINE
HEALTHCARE SYSTEMS?
A. LAYLAND ET AL



2084

In his groundbreaking novel '1984', British writer George Orwell portrayed a futuristic world that could only be imagined at the time of its 1948 publication. With incisive foresight, even without its dystopian character, 1984 showed a society watched by an all-seeing eye that is evident in today's data-driven digital world.

Technology is not good, or bad by nature; it is the way we use it. With technology rapidly revolutionising healthcare, what can sector leaders expect in management, clinical practice, the patient position and training and will the sector succeed in taking advantage of the potential of technology for the ultimate good of all?

In our '2084' issue, HealthManagement.org hopes to touch on these concerns. We present a snapshot of healthcare that is, perhaps, not decades away as our cover story suggests, but, if not already manifest in the sector, just around the corner.

In its new book, *The Future of Healthcare*, medical device innovation centre, Jacobs Institute, shows what survival tactics healthcare leaders need to make with EHRs, virtual medicine and robotics in the spotlight. Simon Janin of chainSolutions takes a look at the fascinating world of Smart Contracts and the role they could play in healthcare while Virtual Reality authority, Brenda Wiederhold, examines the present and future position of the technology in the sector. Morten Petersen of sundhed.dk examines the growing central position of patient portals while eHealth advisor and hospital CIO Miguel Cabrer offers his view on what healthcare could learn from other industries in tech implementation. How smart technologies are impacting the healthcare business place is highlighted by human resources consultant, Dean Madison.

As well as our look at future healthcare, latest winning practices in 3D printing, deep interoperability, artificial intelligence in cardiology and innovation in acute hospital staffing solutions are featured in addition to an overview on the unique role of women in the imaging workplace and much more.

And back to our cover story, by 2084, which other Orwellian projections will have come to fruition in society in general and healthcare in particular? Making sure that the cure is not worse than the disease is part of the challenge.

We hope you enjoy reading our first issue of 2018 and that it gives you food for thought and inspiration for your practice. ■



Christian Lovis

Professor and Chairman, Medical Information Sciences, University Hospitals of Geneva, Switzerland
Editor-in-Chief Healthcare IT, HealthManagement.org

[@chr_lovis](https://twitter.com/chr_lovis)