

1. Record Nr.	UNINA990009538680403321
Autore	Simonetti, Manlio <1926- >
Titolo	Classici e cristiani : alle radici del mondo occidentale / Manlio Simonetti ; cura e prefazione Giovanni Maria Vian
Pubbl/distr/stampa	Milano : Medusa, 2007
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Collocazione	201.3 SIM 1
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2. Record Nr.	UNINA9910853990703321
Autore	Stecher Benjamin
Titolo	Reprogramming the Brain : A Guide to the Future of the Brain and Neuromodulation by a Patient and his Doctor // by Benjamin Stecher, Alfonso Fasano
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
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Altri autori (Persone)	FasanoAlfonso
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Nota di contenuto	Patient Prelude -- Physician Prelude -- What's in a Name? -- Dysko Joy Ridin' -- To DBS or Not to DBS, that is the Question -- The Black Forest -- The Cards We're Dealt -- The Future of Cell Replacement Therapies -- From Cooper To FUS -- ADD: Adaptive vs. Directional vs. Distance -- The Three Pillars of DBS -- The Surgeon -- The Family -- Time, Healing and Patience -- The Caregiver's Burden -- The Day I Thought I Could be Prime Minister of Canada -- Oscillopathies and You -- What's it like letting an Algorithm Run Your Brain -- Is aDBS a Cure? -- Brain Conquistadores -- The Coming Wave -- The Art of Neuroscience -- The Alignment Problem -- DBS in Crisis -- The Future of Neuromodulation -- Epilogue – To Elon Musk, On the Future of Our Brains.

In June 2021, Doctor and Patient decided that time had come to surgically implant two six-inch-long metal alloy spikes all the way through Ben's brain. It was felt that the medications Ben was taking to control his Parkinson's disease had become unmanageable. Back then, Ben was taking about 20 different pills a day. Each pill, if it absorbed properly, would activate the dopamine pathways in his brain and induce uncontrollable writhing movements that would last for about an hour. He would then get about 20 minutes where he'd feel somewhat normal before the slowness and tremor kicked in again. So, he'd take another pill and the cycle would repeat. After months of adjusting his medication and finding just the right settings on his deep brain stimulator, it was decided, for the first time ever in a clinical trial in North America, to flip on the adaptive settings. This is the story of how that decision was made and what happened next.
