

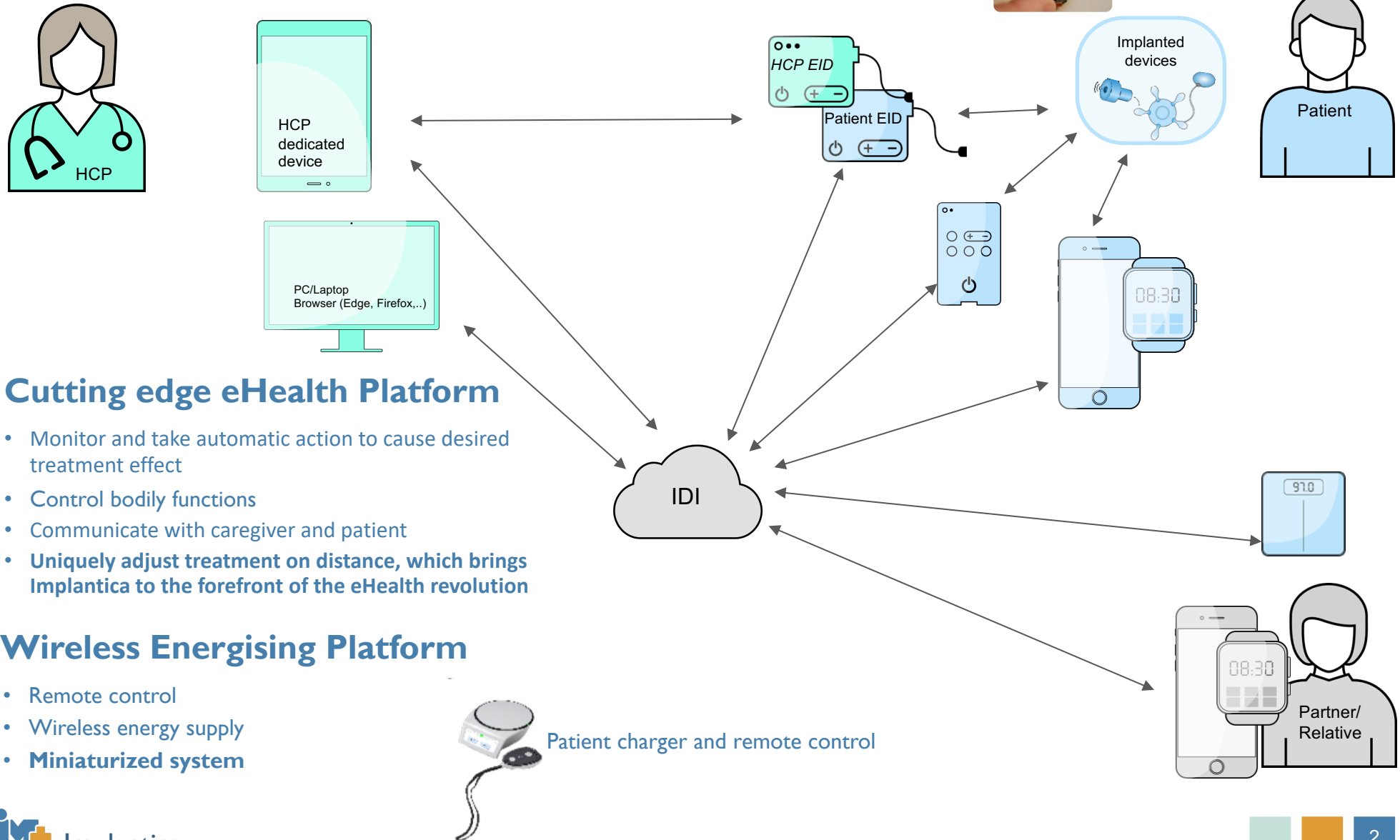


Bringing advanced technology into the body

eHealth implants designed to significantly impact people's lives

WIRELESS ENERGISING & DISRUPTIVE EHEALTH PLATFORMS DEVELOPED BY IMPLANTICA

Implantica targeting a niche of the eHealth market with miniaturized control and actions inside the body controlled by healthcare provider from distance



Cutting edge eHealth Platform

- Monitor and take automatic action to cause desired treatment effect
- Control bodily functions
- Communicate with caregiver and patient
- **Uniquely adjust treatment on distance, which brings Implantica to the forefront of the eHealth revolution**

Wireless Energising Platform

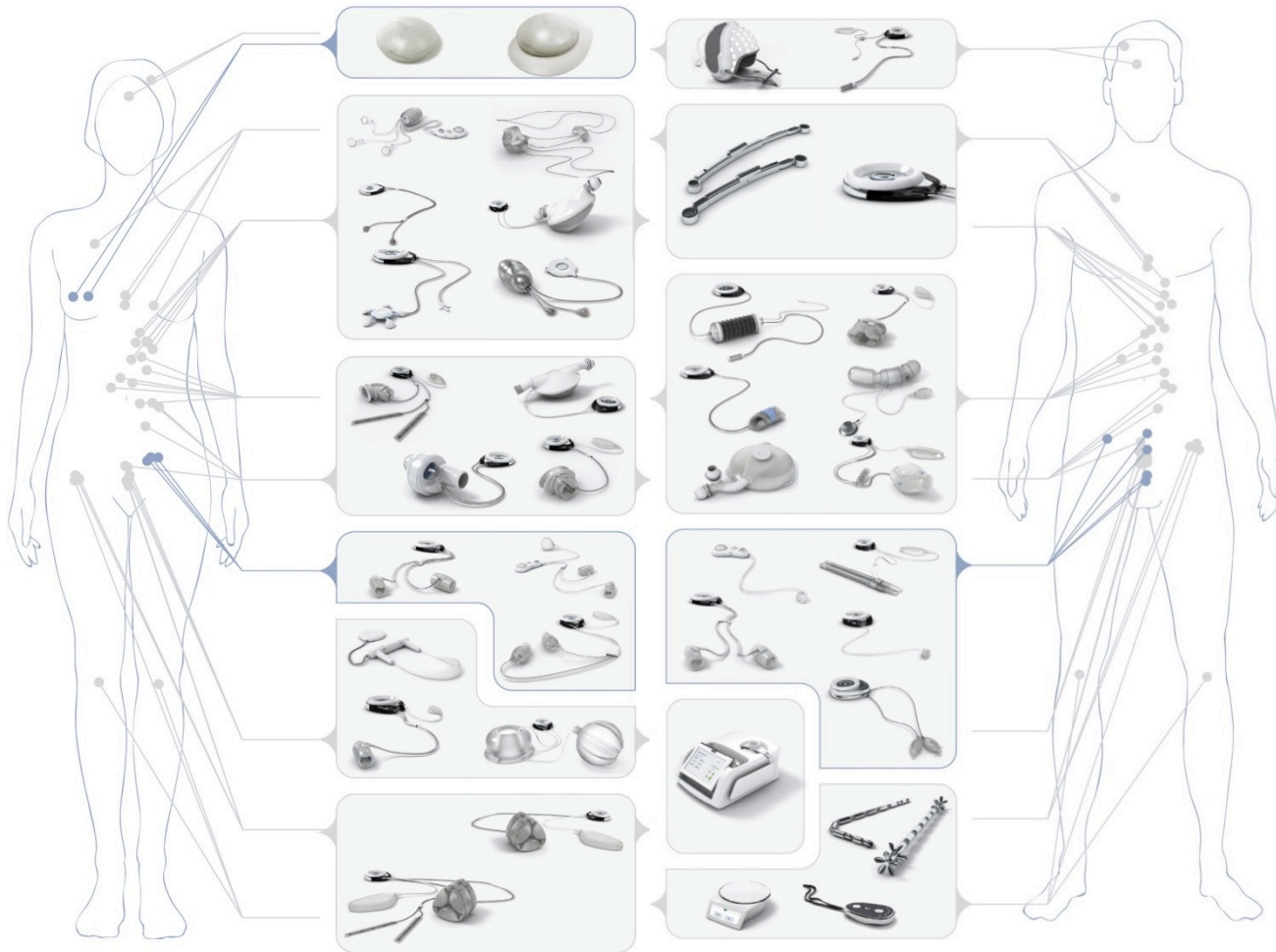
- Remote control
- Wireless energy supply
- **Miniaturized system**



IP PORTFOLIO OF NEARLY 2,000 PATENT CASES

– market, product analysis and prototyping on 40 selected inventions / pipeline products selected from >300 inventions

Overview of Implantica's patent portfolio



Value creation







- Platform technologies
- Unique product pipeline
- Patent protection
- eHealth patent filing of >25'000 pages

IMPLANTICA'S PIPELINE of eHEALTH PRODUCTS



COMMERCIALIZATION OF REFLUXSTOP™ & 4 PRIORITIZED E-HEALTH IMPLANTS TO BE LAUNCHED

...focus on digestive surgery and urology

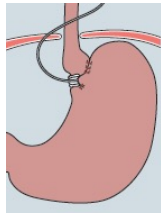
Treatment fields	Potential global and addressable market	Prioritized implants	Use of proprietary platforms
Digestive surgery	Acid reflux Sufferers 400m¹	RefluxStop™ 	CE marked and commercial launch
Urology	Urinary incontinence Sufferers 200m²	UriControl® 	 <p>eHealth platform & Wireless energizing platform</p>
	Urinary retention (unable to urinate) Sufferers 100m³	UriRestore® 	
Digestive surgery	Obesity Sufferers 650m⁴	AppetiteControl™ 	
	Ostomy Surgeries p.a. 874k⁵	StomaRestore® 	

APPETITECONTROL™ – EHEALTH MEETS WEIGHT CONTROL

1.9bn

- Overweight people globally^{2,3}

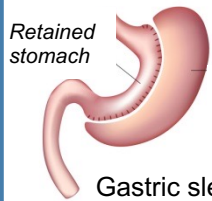
Status-quo treatment



Gastric banding



Gastric bypass surgery



Gastric sleeve

- Destroys the normal anatomy
- Causes too much vomiting

Our solution - AppetiteControl™

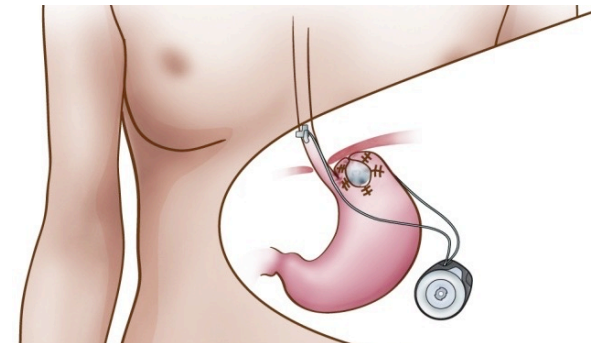


- AppetiteControl™ is an adjustable satiety controller that imitates real life by stretching the upper part of the stomach wall to cause satiety
- Stretching receptors and satiety proven by third-party research¹
- Remote monitoring enabled

Our solution - AppetiteControl™

- Imitates how fullness is achieved in real life
- Controls how much the patient eats using a food sensor
- Controls appetite without affecting the food passageway
- Currently in the process of starting animal testing in the U.S
- Self-calibrating using advanced an adapted eHealth platform to set a new standard of care when released
- Has a programmable design to set optimal and targeted weight loss using remote monitoring
- Communicate with the patient's mobile phone, Implantica's database and the healthcare provider

- ✓ AppetiteControl™ imitates how fullness is achieved in real life
- ✓ AppetiteControl™ controls appetite without affecting the food passageway
- ✓ AppetiteControl™ – programmable design to target optimal weight loss



URIRESTORE™ – RESTORATION OF URINARY FUNCTION FOR SPINAL CORD INJURY PATIENTS

Remote controlled device enables patients with lack of bladder control to empty bladder on demand (no catheter)

Urinary retention market

100m

- Number of global paraplegic patients¹

1.7%

- Of total US population suffer from paralysis¹

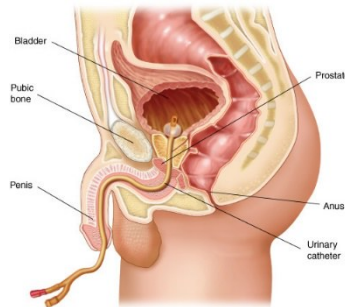
27.3%

- Of paralysis caused by spinal cord injury¹

\$40.5b

- Annual cost of spinal cord injuries in the US¹

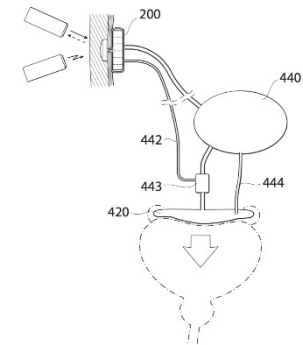
Status-quo treatment



Source: Hanson CW III. Procedure in Critical Care! <http://www.scoasmed.com>
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- Catheterization is only option for urinary retention sufferers
- Due to high infection risk, new catheter must be inserted each time to urinate, approximately 5x/day

Our solution – UriRestore™



- Remote controlled device which compresses the bladder from the outside to empty²
- Can be combined with UriControl® to provide a near-complete restoration of urinary function

- ✓ Designed to allow spinal cord injury or MS patients to urinate, avoiding to introduce catheters 5x day
- ✓ After visiting the Swiss paraplegic centre (spinal cord injury patients) they impressed upon us the immense relief UriRestore® would be for those sufferers – regaining urinary control
- ✓ UriRestore™ is expected to profoundly improve patients quality of life making an impact on humanity

Notes: (1) Christopher & Dana Reeve Foundation, Stats about paralysis, www.christopherreeve.org, US figure extrapolated to estimate global sufferers; (2) Diagram describes operating principle only and does not indicate device appearance.

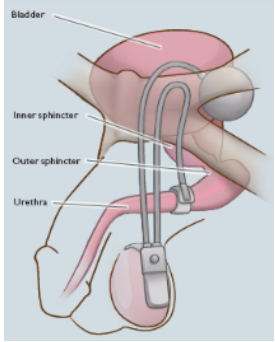
URICONTROL® – WIRELESSLY-ENERGISED REMOTE-CONTROLLED URINARY SPHINCTER

Urinary sphincters for men (placed in the scrotum) are safe and proven for over 20 years

Urinary incontinence market

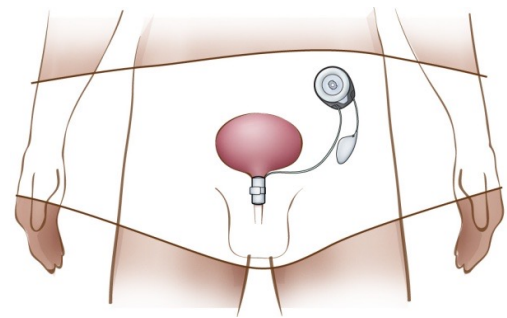
- 200m** ▪ Number of global sufferers^{1,2,3}
- 10%** ▪ Of all adult women^{1,2}
- 20%** ▪ Of all prostate cancer operated men¹
- 500k** ▪ Surgeries p.a.^{1,4}

Status-quo treatment



- Existing hand pumped artificial urinary sphincter for men only – already approved (CE & FDA)
- Reimbursed in US and EU
- 40,000 procedures – USD 267m⁵

Our solution - UriControl®



- Remote controlled artificial urinary sphincter
- Adaptable intelligent closing pressure to avoid urinary leakage

- ✓ UriControl® designed with remote control & daily pressure variation
- ✓ UriControl® applicable for both men and new market for women (10% of women are suffering)
- ✓ Fast market expansion due to existing business takeover – manual device for men is reimbursed worldwide

Source: (1) ISS 2020 supported by statistics from DRG systems; (2) Calhoun, Nygaard & Thom 2007; (3) Barry 2003; (4) HBS Consulting 2007; (5) Urinary device market report 2018, and based on price of USD 5,000/device.

STOMARESTORE® – MAKING PLASTIC STOMA BAGS OBSOLETE

Market for plastic bags collecting fecal matter alone is > USD 2.5 billion

Stoma market

\$3bn

- Ostomy care market USD estimated 3 billion in year 2022¹

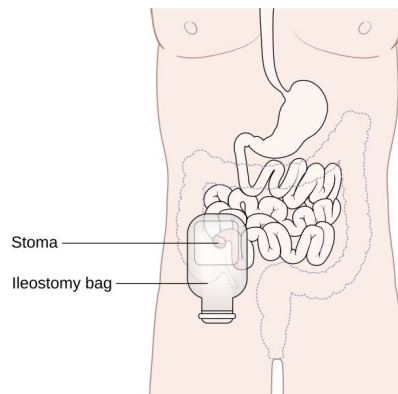
874k

- Surgeries p.a. globally²

4.5%

- Estimated 2017-2026 addressable market CAGR¹

Status-quo treatment



- Fecal matter passes through stoma and stored in stomy pouch
- Stoma patients collecting fecal matter in plastic bag outside the abdominal wall

Our solution – StomaRestore®



StomaRestore® designed with:

- Active storage of fecal matter inside the body emptied on command by electrical stimulation
- Smart unique sphincter function inside the body
- **Designed for a substantial impact on patients' lives**

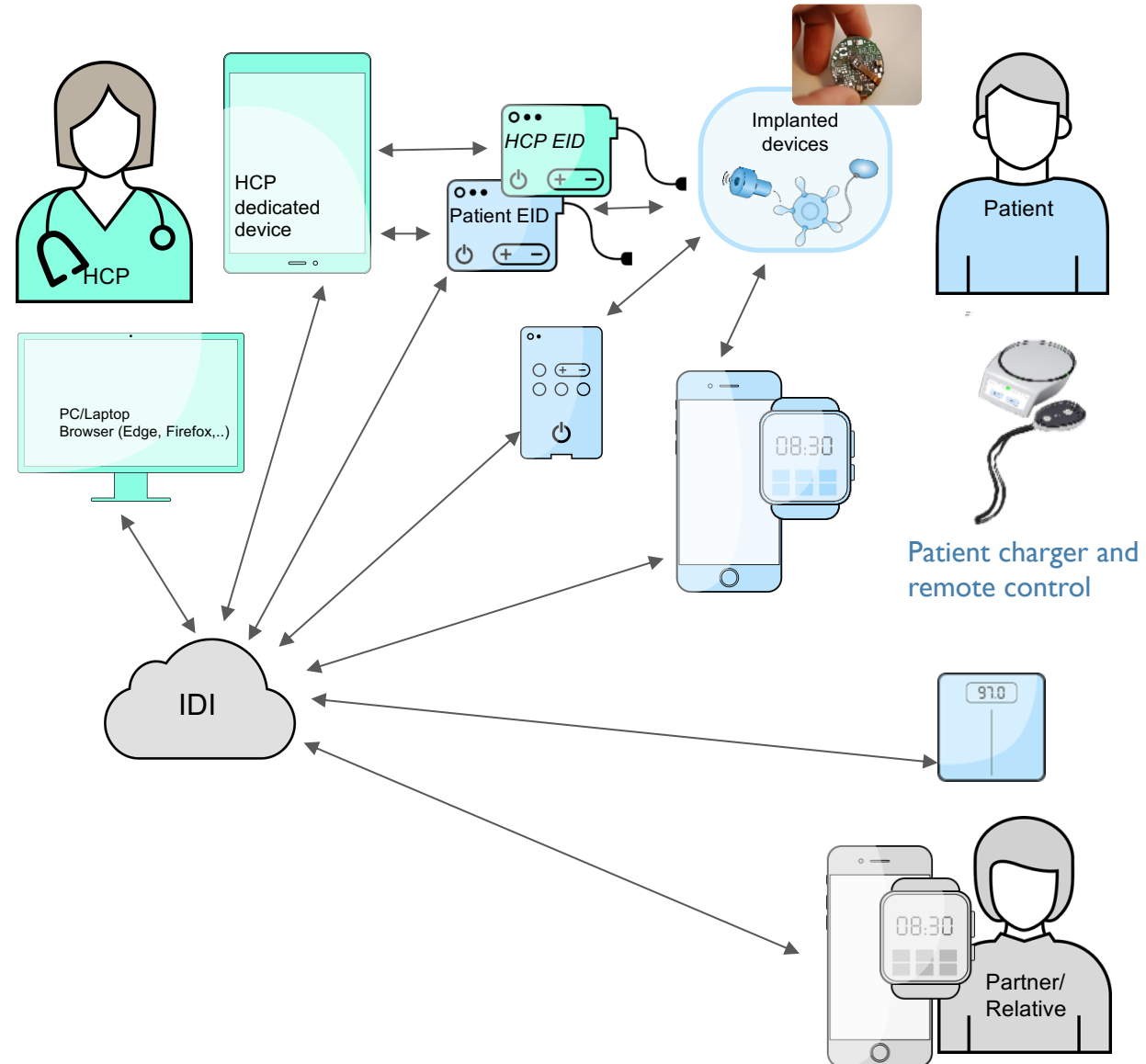
- ✓ No more stoma with fecal matter flowing into a plastic bag attached to the skin
- ✓ Designed to restore normal anatomy by creating a reservoir and connecting to anus
- ✓ Patented sphincter allows flow control at anus – combining electrical stimulation to train and always keep a healthy muscular intestinal wall



Source: (1) MarketsandMarkets 2017; (2) ISS 2020.

SUMMARY: THESE EHEALTH PIPELINE EXAMPLES, BASED ON OUR PLATFORM TECHNOLOGIES, ARE JUST THE BEGINNING

- ✓ Implantica has a very extensive IP covered product pipeline
- ✓ Potentially unlimited potential
- ✓ Cutting-edge eHealth Platform
- ✓ Designed to bring Implantica to the forefront of the eHealth revolution
- ✓ Designed for the Medtech 3.0 reshaping of implantable Healthcare
- ✓ Designed to uniquely control and adjust treatment on distance





Thank you

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