



THE

IDEAP

#LEAVINGNOONEBEHIND



THE DAP

THE DIGITAL AID PROJECT
LEAVING NO ONE BEHIND

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If you wish to receive the toolset in another language, or to include your digital health solution in future editions of the Digital Health Chart please contact us at info@thedigitalaidproject.com.

Foreword



ANCA M. SARBU
Founder & Project lead

The challenging time we are all facing during the COVID-19 pandemic is incontestable. During the last few weeks, people and communities have shown solidarity worldwide like never before, and the human, social and moral values seem to have gotten back on the right track as everybody realised that we are in this fight together. If there is something else that has proven impactful during the pandemic, it is the power of information and innovation - in all its forms. Thoughtfully leveraging technology has now become the ultimate conduit for reliable information that can help us win the battle against this invisible enemy. While efforts around the world have been contributing to understanding the biology of the 2019-novel Coronavirus and developing response strategies, the pandemic has impacted each country and region differently, with the confounding variable always the same, always there, everywhere: the vulnerable groups. These vulnerable groups in long-term care facilities might soon face an impasse, which, if not addressed proactively, could have an imminent, irreversible impact on our communities and could contribute to the collapse of the healthcare and socioeconomic systems. Many long-term care facilities around the globe are challenged by limited resources

to tackle the crisis; they lack access to health innovation as a proactive solution to keep the staff, residents and inpatients safe, physically and mentally, which is key.

The Digital Aid Project aims to put health innovation and available digital health solutions at everyone's fingertips and #LeaveNoOneBehind before it is too late.

The Digital Aid Project has been initiated as an ad-hoc, non-profit social action, comprised of public health specialists and health innovators from around the globe. Believing in solidarity, we created a culture of dialogue and cooperation to serve the vulnerable who do not have a voice, or their voice has not been loud enough to be heard. Through our collective work, we created **The DAP Toolset**, meant to support institutions, healthcare, and patient organisations, clinicians, and allied healthcare professionals, as well as patients in long-term care facilities, friends, and family members, to overcome the COVID-19 public health crisis. **The DAP Toolset** provides information to all at-risk organisations so they can continue to provide qualitative and resilient care for those in need while avoiding patient distress and employee burnout through tailored, validated recommendations and bold, digital health solutions during and beyond the pandemic. We hope that together we can bridge the gap between providers, families, and inpatients at-risk through impactful, ready-to-implement digital health solutions that can relieve the burden of acute healthcare services, foster a powerful public health response and build the capacity of long term-care facilities to manage risks through key strategies and innovation.

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The Digital Aid Project Team

The amazing people in our team are all volunteers who virtually joined forces because they believe everyone must have equal chances in the fight against COVID-19. Our remote work is the product of joint efforts from Austria, Belgium, Brazil, China, Denmark, Germany, Greece, Hungary, India, Italy, Latvia, Palestine, Poland, Portugal, Romania, Spain, Sweden, Switzerland, United States and United Kingdom, and coordinated from Zurich, Switzerland.

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EIT Health is supported by the EIT,
a body of the European Union

ISQua
International Society for Quality in Health Care

Acknowledgements

The **DAP** would like to express its gratitude to the wonderful, solidary team members who volunteered their time and expertise to make this project possible.

A deep sense of gratitude to the expert members of the **Advisory Board** who dedicated their time to join and support The DAP in various aspects of the work and who guide its dissemination strategy further.

The DAP would specifically like to thank the organisations in its partnership **EIT Health Alumni Network, ISQua - The International Society for Quality in Health Care** and **Swiss Healthcare Startups**, who have joined forces for a greater impact during these challenging times.

Very special thanks go to the **project ambassadors** from around the world, who contributed with their advice and provided valuable insights and support for the development and dissemination of this work: Evelina Georgieva, Liana Shvachiy, Montse Delgado, Nicola Haywood, Robin Maxton, Syed Jaffery and Thomas Wilckens, and to the **bilingual fellow volunteers** for the translation in additional languages, which ultimately made our toolset accessible to organisations and patients on all continents.

Last but not least, we would like to extend our gratitude to all the **startups, health innovators** and **entrepreneurs** who contacted us and whose commitment to shape the future of digital health systems and services bravely supports the public health response to overcome the COVID-19 pandemic.

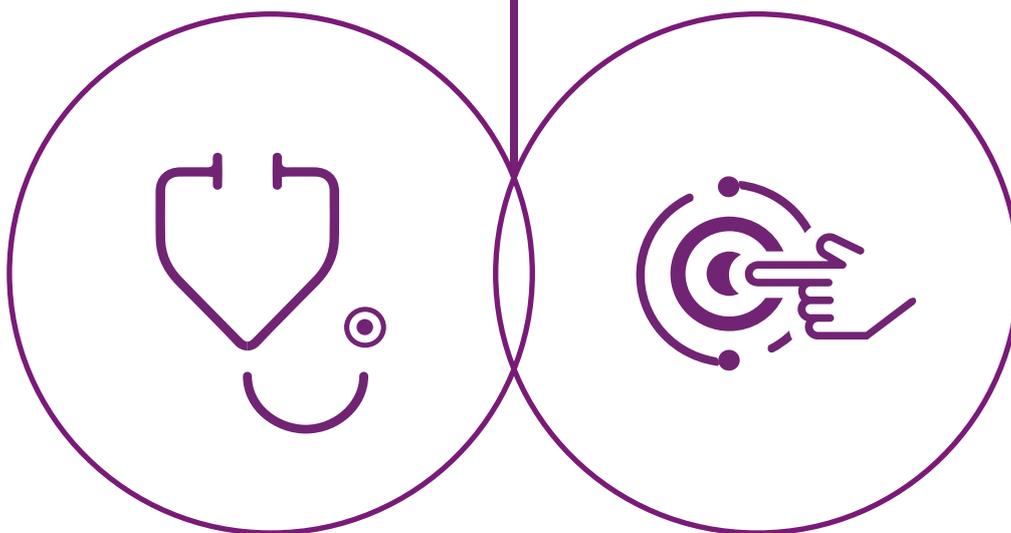
Thank you all!

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Our toolset at a glance

In order to achieve our mission, we compiled a **tailor-made health innovation toolset (Aid Toolkit & Digital Health Chart)** responding to the most common and pressing pain-points of long-term care facilities during the COVID-19 pandemic: **1.** Ensure safety for everyone, **2.** Avoid patient distress, **3.** Avoid employee burnout and minimise the stress level of staff, **4.** Foster organisational resilience and response strategies for efficient workflow in crises and at limited operational capacity. The **Aid Toolkit** contains tailored, validated recommendations, based on need-based, goal-oriented criteria; The Digital Health Chart is a catalogue of ready-to-implement digital health solutions able to tackle these four pain-points and/or support long-term care facilities overcome this difficult time. The **Digital Health Chart** will be continuously updated and released in future versions of The DAP toolset.



THE AID
TOOLKIT



THE DIGITAL
HEALTH CHART

THE DAP

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THE AID TOOLKIT



SAFETY
FOR
EVERYONE

Ensure safety for
inpatients and staff
in times of crisis



PATIENT
DISTRESS

Protect inpatients
from mental and
physical distress



EMPLOYEE
BURNOUT
AND STRESS

Avoid employee
burnout and minimise
the stress level of
staff



RESILIENCE
AND
RESPONSE

Foster organisational
resilience and response
strategies for efficient
workflows in crises and
at limited operational
capacity



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PROTECTION AND PREVENTION

- During the pandemic, limit physical interactions by ensuring social distancing and maintaining physical distance of at least 1.5m or 5ft. If interaction is absolutely necessary, take all precautions to assure safety by wearing personal protective equipment (PPE) accordingly.
- Request local government or non-governmental organisations (NGOs) to supply the facility with PPE for staff and patients, due to daily exposure to and from risk groups.
- Monitor the inventory of PPE closely and regularly in order to ensure constant availability of sufficient stock and to prepare for adverse events.
- If resources are limited, consider reusing PPE after careful disinfection (i.e. N95 mask with oxygenated water aerosols¹, UV-C radiation, moist heat treatment or microwave generated steam²).
- Ensure proper hand hygiene standards and guidelines are easily visible to staff and patients. Use a plain soap for routine hand washing. Use an antimicrobial agent if contact with suspected or confirmed cases arise, in addition to hand sanitizer.
- Reduce the number of beds in the facility for the outbreak period if more than two persons are accommodated in the same room, and consider discharging patients who are medically fit (such as in rehabilitation or mental healthcare) or already scheduled to be discharged in the near future.
- Ensure the promotion of COVID-19 related health literacy within your facility (to staff and patients) and that testing protocols are in place.
- Regardless of whether there are suspected or confirmed COVID-19 cases in the facility, train staff in a timely manner according to official guidance³ for wearing and removing PPE. Create new checklists for staff to follow, in order to prevent important steps and equipment being missed⁴.
- Schedule refresher courses to ensure that safety training is up to date according to the most recent standards (i.e. once per week via video materials or in small groups < 5 medical and allied healthcare professionals for in-person training).





1

PROTECTION
AND
PREVENTION

2

INFECTION
CONTROL

3

CLINICAL RISK
MANAGEMENT AND
PATIENT SAFETY

INFECTION CONTROL

- Prepare and implement an infection control plan (adapted clinical pathways, medical shifts) to ensure social distancing during the pandemic and to reduce the risk of spreading the virus. Review the plan on a regular basis, even after the pandemic is over.
- Follow guidelines of “Infection prevention and control for COVID-19 in healthcare settings⁵” (EU) or “Infection Prevention and Control Recommendations⁶” (US) in order to prevent infections from occurring within the facility. Turn to smart infection control systems to protect all your staff and patients.
- Ensure the triage process is optimised according to the current COVID-19 circumstances and that vulnerable inpatients and risk groups are rapidly identified⁷ and constantly monitored (remotely if possible).
- Ensure that patients are informed about currently used COVID-19 protocols in a timely manner, ideally through a signed form of acknowledgement, where possible, otherwise signed by a legal representative or guardian.
- Implement and follow “Baseline options⁸ for Infection prevention and control in long-term care facilities (LTC) with suspected or confirmed cases of COVID-19” (EU) or “Preparing for COVID-19⁹: Long-term Care Facilities” (US).
- If an infection is confirmed and no transfer to acute care is required, ensure that a dedicated room or unit is established for quarantining patients, in order to prevent the spread of infection to other inpatients or residents in the facility.
- If an inpatient of the facility was tested positive for COVID-19, identify people and environments that have been potentially exposed and implement appropriate measures for containment of the virus.
- Ensure that there is absolutely NO interaction between infected persons and other inpatients or residents of the facility. When possible, allocate separate toilet and shower facilities for quarantined inpatients or residents. If not possible, ensure usage of facilities on a rotation basis following appropriate disinfection protocols.
- Ensure that the facility has adequate procedures for routine cleaning and disinfection of environmental surfaces. If possible, use disinfection robots¹⁰ to disinfect the facilities (i.e UV-C or HPV robots, refer to ‘disinfection’ in solution list).
- Prevent transmission of COVID-19 from staff and family members to inpatients or residents and vice versa, by restricting non-essential visits and personnel.
- Consult local regulations for restrictions on mandatory patient weekend days off in the context of “true-to-life stress tests” for LTC patients (such as “Belastungserprobung” in DACH countries); in case no restrictions apply, monitor the patient carefully upon return, if possible by symptom tracking, activity reporting and COVID-19 infection spread mobile apps.
- Reduce staff contact with patients, when possible, through the use of mobile and out-of-room monitoring, e-consults, and by batching medications¹¹.





CLINICAL RISK MANAGEMENT AND PATIENT SAFETY

- Ensure prevention, control and reporting of clinical risks associated with COVID-19¹² or adverse events in long-term care facilities that might require transition to acute care (i.e. decubitus, falls, panic attacks, self harm).
- Make sure a clinical risk management system or protocol is in place (see Pocket Guide to Clinical Risk Management¹³) and an employee is assigned to oversee the clinical processes that might require special attention.
- Consider implementing a Critical Incident Reporting System (CIRS) or engaging employees to report adverse events or medical errors and document them in such system¹⁴ for further assessment and development of tailored risk prevention measures.
- Include more frequent and regular patient check-ups for adverse events (physical examinations and mental assessments) in individual care plans by making use of existing digital health solutions such as mental health apps, decubitus bed sensors, falls sensors, vitals and biomarker wearables, so that the occurrence of adverse events is avoided.
- Promote transparency and an open communication culture with the employees during the pandemic, including the allied healthcare professionals, cleaning and kitchen staff, making sure they are equally informed and/or trained on the new protocols and special measures in place¹⁵.
- Make sure all data security measures are in place when using telemedicine and remote monitoring of patients.





SOURCES

1. A. Schwartz, et. al., Decontamination and Reuse of N95 Respirators with Hydrogen Peroxide Vapor 2 to Address Worldwide Personal Protective Equipment Shortages During the 3 SARS CoV 2 (COVID 19) Pandemic. Available at: https://www.safety.duke.edu/sites/default/files/N-95_VHP-Decon-Re-Use.pdf
2. Joachim Schöpe, Hans, and Miriam Klopotek. 2020. "Review Of Strategies For The Reuse Of N95 And N99 Respiratory Masks During The COVID-19 Pandemic". <https://arxiv.org/pdf/2004.00769.pdf>
3. ESA HQ. 2020. "Human Factors Principles To Ensure The Safety Of Yourself, Your Patients, And Your Colleagues". <https://www.esahq.org/esa-news/human-factors-principles-to-ensure-the-safety-of-yourself-your-patients-and-your-colleagues/> Accessed April 7, 2020.
4. ESA HQ. 2020. "Human Factors Principles To Ensure The Safety Of Yourself, Your Patients, And Your Colleagues". <https://www.esahq.org/esa-news/human-factors-principles-to-ensure-the-safety-of-yourself-your-patients-and-your-colleagues/> Accessed April 7, 2020
5. ECDC. 2020. "Infection Prevention And Control For COVID-19 In Healthcare Settings - First Update". <https://www.ecdc.europa.eu/sites/default/files/documents/COVID-19-infection-prevention-and-control-healthcare-settings-march-2020.pdf>
6. Centers for Disease Control and Prevention. 2019. "Interim Infection Prevention And Control Recommendations For Patients With Suspected Or Confirmed Coronavirus Disease 2019 (COVID-19) In Healthcare Settings". https://www.cdc.gov/coronavirus/2019-ncov/hcp/infection-control-recommendations.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fcoronavirus%2F2019-ncov%2Finfection-control%2Fcontrol-recommendations.html Accessed April 7, 2020
7. Centers for Disease Control and Prevention. 2019. "Priorities For Testing Patients With Suspected COVID-19 Infection". <https://www.cdc.gov/coronavirus/2019-ncov/downloads/priority-testing-patients.pdf>
8. ECDC. 2020. "Infection Prevention And Control For COVID-19 In Healthcare Settings - First Update". 5-7. <https://www.ecdc.europa.eu/sites/default/files/documents/COVID-19-infection-prevention-and-control-healthcare-settings-march-2020.pdf>
9. Centers for Disease Control and Prevention. 2019. "Preparing For COVID-19: Long-Term Care Facilities, Nursing Homes". https://www.cdc.gov/coronavirus/2019-ncov/hcp/long-term-care.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov Accessed April 7, 2020
10. ECRI Institute. 2015. "Disinfection Robots: A Front-Line Assault On Hospital-Acquired Infections?". [https://www.ecri.org/Resources/In_the_News/Disinfection_Robots_A_Front-line_Assault_on_Hospital-Acquired_Infections\(TechNation\).pdf](https://www.ecri.org/Resources/In_the_News/Disinfection_Robots_A_Front-line_Assault_on_Hospital-Acquired_Infections(TechNation).pdf)
11. Livingston E, Desai A, Berkwits M. 2020. "Sourcing Personal Protective Equipment During the COVID-19 Pandemic". JAMA. (March). doi:10.1001/jama.2020.531712
12. World Health Organisation. 2020. "Topic 6: Understanding And Managing Clinical Risk". https://www.who.int/patientsafety/education/curriculum/who_mc_topic-6.pdf
13. Department of Health, Government of Western Australia. 2020. "Toolkit: Pocket Guide To Clinical Risk Management". https://healthywa.wa.gov.au/~/_media/Files/Corporate/general%20documents/Quality/PDF/50621_POCKET%20Guide%20Final.ashx Accessed April 8, 2020
14. Robinson Wolf, Zane, and Ronda G. Hughes. 2020. "Chapter 35. Error Reporting And Disclosure". In Patient Safety And Quality: An Evidence-Based Handbook For Nurses: Vol. 2, 2nd ed., 337-379. https://www.ncbi.nlm.nih.gov/books/NBK2652/pdf/Bookshelf_NBK2652.pdf
15. World Health Organisation. 2014. "Hospital Hygiene And Infection Control". In Safe Management Of Wastes From Health-Care Activities, 2nd ed., 148-158. https://www.who.int/water_sanitation_health/medicalwaste/148to158.pdf





Need I Protect inpatients from mental and physical distress

1
MAINTAINING
SOCIAL
CONNECTEDNESS

2
UNDERSTANDING
AND COPING WITH
NEW MEASURES

3
ADAPTING TO
CHANGE AND
TACKLING
UNCERTAINTY

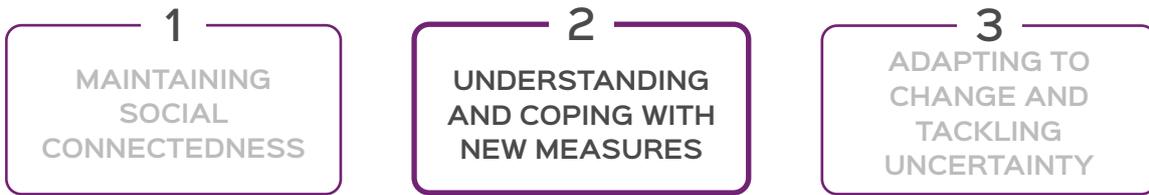
MAINTAINING SOCIAL CONNECTEDNESS

- Since engagement with others is important for healthy aging and mental wellbeing in general¹⁶, various digital tools can be introduced to ensure communication with families despite restrictions on visitations during the pandemic (See list for digital health solutions).
- It is essential to provide opportunities for inpatients to stay connected with the outside world while maintaining social distancing and avoiding use of communal spaces. Individual access to media (daily news, podcasts, TV channels, etc.) could be provided through use of a personal device, such as phone, tablet, or TV.
- In case of quarantined inpatients, ensure families are regularly updated and that virtual informational exchange between the case manager, families and patients is facilitated. Provide opportunities for inpatients to maintain connection with their GP or specialist doctor (for chronic diseases) through the use of telephone or tele-health platforms¹⁷.
- Consider introducing remote, virtual physical and/or mental training sessions and getting patients engaged in activities to maintain physical and emotional health (see list for digital, mental and physical exercise tools).





Need I Protect inpatients from mental and physical distress



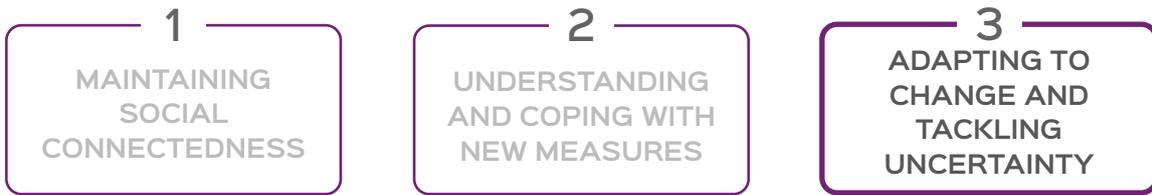
UNDERSTANDING AND COPING WITH NEW MEASURES

- For continuous patient-centred care, ensure that healthcare professionals individually communicate the infection prevention plan, explain changes in the routine and safety guidelines such as recommendations on social distancing and hygiene to all inpatients.
- Ensure that patients are well informed and understand the reasons behind the measures, and that they are responsible for their own personal safety as well as the safety of others.
- Some patients with certain mental conditions may experience difficulties with safety procedures or struggle with understanding public health information that is issued to them¹⁸, and therefore it is important to ensure that special care is provided and support is given for adopting preventive behaviours.
- Support residents to cope with the psychological effects of COVID-19 by making mental health professionals, social workers, and volunteers available, who could collaboratively provide psychological support, especially for people living with dementia¹⁹ and/or other neurological or mental conditions that might cause difficulties in comprehending the risks and implications.





Need I Protect inpatients from mental and physical distress



ADAPTING TO CHANGE AND TACKLING UNCERTAINTY

- To cope with feelings of uncertainty, offer regular psychological support through remote tele-consultations or other tools for improving mental wellbeing, such as mindfulness, through phone or video calls or mobile apps, depending on the patients' abilities.
- Support vulnerable inpatients in tackling uncertainty by helping them to remember positive past experiences to regain faith and hope in the future to help them move forward (i.e. family slideshows/picture albums, augmented or virtual reality scenarios).
- Providing on demand professional services to answer specific medical questions could be beneficial to reduce overall patient stress over minor issues and to improve health literacy.
- Use innovative tools for keeping inpatients occupied and busy to help in minimising the risk of them spreading the virus (i.e gamification, chatbots, virtual assistants, free online courses).
- Consider the use of wearables that are integrated into daily routines (i.e. glasses, necklaces) for monitoring the vitals and relevant biomarkers of patients, without disturbing their lives. Consider also the use of “ninja robots” to monitor and communicate with recovering stroke patients²⁰ in rehabilitation.
- Due to changes to daily schedules and cancellation of group sessions, ensure residents follow-up with the required therapy and exercise through virtual workout and therapy sessions.
- Ensure that provision of care for inpatients with chronic diseases is not interrupted and make sure enough attention is given to them by constantly monitoring risk factors during the outbreak (i.e. through wearables for vitals and biomarkers etc.), so that the most vulnerable will not be left behind.





SOURCES

16. Brauser, Deborah. 2020. "COVID-19: Mitigating Loneliness, Anxiety In Seniors". Medscape. <https://www.medscape.com/viewarticle/927519>
17. Ibid.
18. Huali Wang et. al. 2020. "Dementia care during COVID-19". The Lancet 395 (10231): 1190-1191. Doi: 10.1016/s0140-6736(20)30755-8. [https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(20\)30755-8/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(20)30755-8/fulltext)
19. Ibid.
20. The Medical Futurist Institute. 2020. Digital Health and the fight against the COVID-19 Pandemic; The Medical Futurist Handbook. <https://www.matrc.org/wp-content/uploads/2020/04/Digital-Health-and-COVID19.pdf?2c4bc8&2c4bc8>





EMPLOYEE BURNOUT AND STRESS

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Need I Avoid employee burnout and minimise the stress level of staff



FEAR OF CONTRACTING THE VIRUS

- Use credible sources when gathering information on COVID-19 to help accurately determine the risks and reasonable precautions²¹.
- Promote health literacy within the facility in order to combat fear and empower the staff with accurate and up to date knowledge.
- In order to overcome fear of infection and concerns about residents²², staff must clearly understand and follow the new measures to prevent errors.
- To ensure effective communication within the facility, a responsible unit should be assigned for staff to raise concerns and get clarifications on new rules and changes in the facility.
- The manager/unit responsible should ensure staff receives regular updates on the prevention and treatment of COVID-19, and that the safety needs of staff and inpatients are met.
- Following guidelines on use of protective equipment and disinfection procedures properly shall ensure safety and prevent infection, and hopefully also reduce fear of infection.
- In case the facility or some units are in quarantine, ensure staff follows all safety measures (in professional and personal environments) and practice social distancing at home and during their commute to work in order to reduce the fear of passing the virus to family or members of the community.
- Evaluate the needs and implications for healthcare professionals at high risk due to their age or health conditions²³.
- If colleagues become infected with COVID-19 and require time off, ensure they receive paid leave and are supported during their recovery.

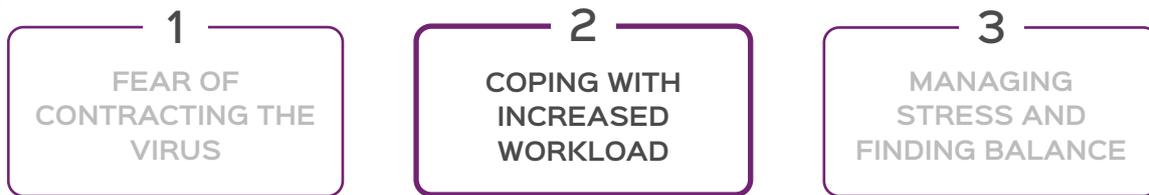




EMPLOYEE BURNOUT AND STRESS

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Need I Avoid employee burnout and minimise the stress level of staff



COPING WITH INCREASED WORKLOAD

- In order to cope with longer and burdensome working times, staff could be supported in getting help from NGOs, family and friends, or apps that provide assistance with tasks such as grocery shopping and childcare to reduce the impact on healthcare professionals' personal lives.
- Ensure that the physical needs of healthcare professionals are supported during shifts, including access to healthy meals and hydration²⁴.
- Include necessary breaks for staff on the roster, despite reduced personnel at the facility. Dedicate a space for breaks and meditation.
- Consider providing transport assistance for staff experiencing difficulties commuting due to limited schedules or late/early shifts. Alternatively, enquire with local hotels if they would consider accommodating staff or their families nearby during the pandemic.
- Re-evaluate tasks, processes and projects within the organisation and give priority to the most necessary ones while postponing unnecessary organisational developments until the national situation returns to normal, so that personnel can completely focus on tackling the crisis.
- Ensure proper time management tools are available to medical staff and allied healthcare professionals on shifts in order to reduce stress and feeling overwhelmed.
- Ensure the efficiency of the bed management system within the facility by using automated processes with digital tools that can decrease the workload of the staff.
- Provide communication skills training for staff to use when speaking to patients about difficult topics, such as palliative care²⁵.





EMPLOYEE BURNOUT AND STRESS

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Need I Avoid employee burnout and minimise the stress level of staff



MANAGING STRESS AND FINDING BALANCE

- Provide support and information for psychological and emotional health needs of staff, through tools including webinars covering relevant topics such as anxiety, self-care, moral distress, etc.²⁶.
- In order to cope with stress, promote helpful coping strategies such as getting sufficient sleep and rest between shifts and during work, eating healthily, engaging in physical activity, and maintaining contact with family and friends²⁷.
- Promote staff to dedicate a space and time at home for relaxation and/or meditation.
- Engage in open discussions about stress and coping techniques with the healthcare team on a regular basis, and identify sources of stress and ways to better manage them.
- Install a place where employees can anonymously leave notes with their daily stresses in order to try to get them off their minds and not take them home.
- Support staff who are facing stigma²⁸ outside of work and who are avoided by friends or family because of their interaction with COVID-19 patients²⁹.
- Offer remote psychological consultations to support staff in dealing with stress and mental health issues.
- Ensure that information for contacting the dedicated COVID-19 helpline, or mental health hotlines are displayed in places that are easily visible for staff to consult during critical moments.
- Consider providing employees with free subscriptions to digital psychotherapy, mindfulness tools, exercise platforms, meditation and sleep support apps.





Need I Avoid employee burnout and minimise the stress level of staff

SOURCES

21. World Health Organisation. 2020. Coping With Stress During The 2019-Ncov Outbreak. Ebook. https://www.who.int/docs/default-source/coronaviruse/coping-with-stress.pdf?sfvrsn=9845bc3a_2
22. Huali Wang et. al. 2020. "Dementia care during COVID-19". The Lancet 395 (10231): 1190-1191. Doi: 10.1016/s0140-6736(20)30755-8. [https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(20\)30755-8/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(20)30755-8/fulltext)
23. Tait Shanafelt, Jonathan Ripp, Mickey Trockel. 2020. "Understanding and Addressing Sources of Anxiety Among Health Care Professionals During the COVID-19 Pandemic". <https://jamanetwork.com/journals/jama/fullarticle/2764380>
24. Ibid.
25. The Institute for Healthcare Improvement, The Conversation Project. 2019. "When it comes to end-of-life care, talking matters". <https://theconversationproject.org/wp-content/uploads/2017/02/ConversationProject-ConvoStarterKit-English.pdf>
26. Tait Shanafelt, Jonathan Ripp, Mickey Trockel. 2020. "Understanding and Addressing Sources of Anxiety Among Health Care Professionals During the COVID-19 Pandemic". <https://jamanetwork.com/journals/jama/fullarticle/2764380>
27. WHO Regional Office for Europe. n.d. "Health Topics - Mental health and COVID-19", <http://www.euro.who.int/en/health-topics/health-emergencies/coronavirus-covid-19/novel-coronavirus-2019-ncov-technical-guidance/coronavirus-disease-covid-19-outbreak-technical-guidance-europe/mental-health-and-covid-19> Accessed April 8, 2020.
28. World Health Organisation. 2020. "Mental health and psychosocial considerations during the COVID-19 outbreak" <https://www.who.int/docs/default-source/coronaviruse/mental-health-considerations.pdf>
29. Centers for Disease Control and Prevention. 2019. "Coronavirus Disease 2019 (COVID-19): Reducing Stigma". https://www.cdc.gov/coronavirus/2019-ncov/daily-life-coping/reducing-stigma.html?CDC_AA_refVal=https%3A%2F%2Fwww.cdc.gov%2Fcoronavirus%2F2019-ncov%2Fsymptoms-testing%2Freducing-stigma.html Accessed April 8, 2020.





Need I Foster organisational resilience and response strategies for efficient workflows in crises and at limited operational capacity



ADDRESSING THE SHORTAGE OF STAFF WHILE COPING WITH INCREASING HEALTHCARE DEMANDS

- Consider harnessing technology (AI, remote monitoring systems, training support, virtual agents, automation and business optimisation technologies) to support appropriate tasks in order to foster efficiency and performance of staff on professional matters³⁰.
- Provide digital devices and user-centric interfaces to patients if possible, in order to increase efficient engagement and resource availability.
- Optimise healthcare tasks by reorganising the workforce, and empower qualified personnel for effective management of healthcare conditions within the facility, while consider taking volunteers or using robots for simple tasks during the outbreak³¹.
- Mobilise and sustain financial commitment while fostering an organisational culture of inclusiveness and interdisciplinary collaboration³².
- Ensure the availability of efficient information and communication systems for emergencies as well as for daily operations to everyone within the organisation³³.





Need I Foster organisational resilience and response strategies for efficient workflows in crises and at limited operational capacity



CAPACITY BUILDING FOR INCREASED RESILIENCE AND EFFICIENT RESPONSE STRATEGIES

- Foster innovative partnership models with digital health providers while allowing a maximum number of employees to stay at home and enable them to work remotely, through digital tools.
- Provide an efficient internal channel for human resources (HR) communications while working remotely.
- Ensure required training for responding to the outbreak is provided to all employees through webinars or in small groups, and ensure there is enough equipment to overcome “worst case scenarios” and to protect both the workforce and the patients.
- Consider providing simulation scenarios for frontline staff in order to be ready for a possible outbreak in the facility.
- Prepare for the worst, expect better: Keep your organisation informed about the COVID-19 spread in your area (i.e. via outbreak visualisation apps); Prepare appropriate procedures and effort coordination for EOL (end of life) scenarios within your organisation.
- Implement crisis management tools³⁴ and best practices to effectively address the variety of risks and complex issues³⁵.
- Promote a patient safety curriculum and a non-punitive culture within the healthcare workforce, while promoting the reporting of medical errors as a useful resource for learning and development³⁶.
- Ensure all upper management and executives are aligned with pandemic procedures and that organisational goals and priorities are clear and communicated to all employees in a timely manner.





Need I Foster organisational resilience and response strategies for efficient workflows in crises and at limited operational capacity

1

ADDRESSING THE
SHORTAGE OF STAFF
& INCREASING
HEALTHCARE DEMANDS

2

CAPACITY
BUILDING FOR
RESILIENCE &
RESPONSE

3

DIGITAL EFFORTS
& HEALTHCARE
INNOVATION

DIGITAL EFFORTS AND HEALTHCARE INNOVATION AS A MEANS TO OVERCOME A PUBLIC HEALTH CRISIS IN LONG-TERM CARE FACILITIES

- Consider patient needs first when addressing any threat or difficulty in the organisation and look for immediate available solutions that tackle the current pain-points as well as the long-term implications of the COVID-19 crisis.
- Ensure continuous provision of care by shifting all possible consultations to live/video consultations and telemedicine.
- Introduce supporting technology for remote care (planning and daily management), to be followed without human interaction, especially for monitoring of chronic conditions.
- Introduce an alert system and/or sensors that perform continuous “background monitoring” of care and patient pathways.
- Consider utilising non-human assistance (drones and robots) for tasks such as the delivery of test kits for self-testing, robots for moving equipment and catering logistics within the facility³⁷.
- Digitalise data management and promote mobile health interfaces within your organisation to enable more transparent, effective and user-centric information management and sharing.
- Provide a viable online COVID-19 symptom checker for patients and employees as a means to overcome fear of contamination and address early detection of risks.
- Foster trust and confidence from patients by using AI information sharing systems³⁸.
- Reduce therapy and procedure waiting times for patients by the use of AI-optimised patient processes and telemedicine tools.
- Ensure timely detection of patients at high risk of complications or early deterioration through clinical decision support with AI tools³⁹.
- Predict health outcomes and ensure financial sustainability of care services through AI prediction tools⁴⁰.
- Treat and care for each patient individually while enabling a digital touch; just enough to make sure patients and employees are safe from harm, to strengthen the resilience and response of your organisation and to drive improvements in quality of care in the long run.





Need I Foster organisational resilience and response strategies for efficient workflows in crises and at limited operational capacity

SOURCES

30. EIT Health, McKinsey & Company. 2020. "Transforming Healthcare with AI; The impact on the workforce and organisations". https://eithealth.eu/wp-content/uploads/2020/03/EIT-Health-and-McKinsey_Transforming-Healthcare-with-AI.pdf
31. World Economic Forum. 2019. "5 ways to ridge the global health worker shortage". <https://www.weforum.org/agenda/2019/07/5-ways-to-bridge-the-global-health-worker-shortage/> Accessed April 9, 2020.
32. World Health Organisation. 2016. " Global strategy on human resources for health: Workforce 2030". https://www.who.int/hrh/resources/global_strategy_workforce2030_14_print.pdf?ua=1
33. SIXTY-NINTH WORLD HEALTH ASSEMBLY. 2016. "Global strategy on human resources for health: workforce 2030". https://apps.who.int/gb/ebwha/pdf_files/WHA69/A69_R19-en.pdf?ua=1
34. Smarp. 2020. "The Ultimate COVID-19 Crisis Management Checklist for Employers". <https://blog.smarp.com/ultimate-coronavirus-crisis-management-checklist>
35. World Health Organisation. 2007. "A practical tool for the preparation of a hospital crisis preparedness plan, with special focus on pandemic influenza". http://www.euro.who.int/__data/assets/pdf_file/0003/90498/E89763.pdf
36. World Health Organisation. 2011. "Patient Safety Curriculum Guide". https://apps.who.int/iris/bitstream/handle/10665/44641/9789241501958_eng.pdf;jsessionid=FC4CD460BAFFFE70E765CA726977157E?sequence=1
37. Edward Livingston, Angel Desai, Michael Berkwits. 2020. "Sourcing Personal Protective Equipment During the COVID-19 Pandemic". <https://jamanetwork.com/journals/jama/fullarticle/2764031?resultClick=1>
38. PwC, Strategy&, University of St. Gallen. 2019. The digital opportunity in the Swiss healthcare system". <https://www.pwc.ch/en/publications/2019/Digital-opportunity-in-the-Swiss-healthcare-system.pdf>
39. EIT Health, McKinsey & Company. 2020. "Transforming Healthcare with AI; The impact on the workforce and organisations". https://eithealth.eu/wp-content/uploads/2020/03/EIT-Health-and-McKinsey_Transforming-Healthcare-with-AI.pdf
40. Ibid.



THE DAP

THE **D**IGITAL **A**ID **P**ROJECT
#LEAVING **N**O ONE **B**EHIND



THE DIGITAL HEALTH CHART

SAFETY
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Info@thedigitalaidproject.com



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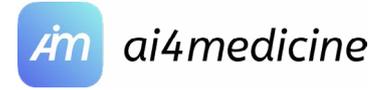
AI4Medicine



- Germany
- ✓ Free
- ✓ Available in EN, NL

Smart app for personalized stroke prevention. By tracking various health data Ai4Medicine can analyse your stroke risk and helps intervene before it happens.

Dietmar Frey
info@ai4medicine.com



www.ai4medicine.com

Beroni Group



- China
- ✓ Price on request
- ✓ Available in EN, CH

Rapid SARS-CoV-2 in vitro diagnostic detection kit based on immunochromatographic techniques, for the detection of a patient's IgG and the IgM antibody to SARS-CoV-2 in human whole blood, plasma and serum.

Jackyx Jacky Zhang
enquiry@beronigroup.com



www.beronigroup.com



Bioquell



- United Kingdom
- \$ 47.000,00
- ✓ Multiple languages

Validated and compliant surface and airborne biodecontamination with 35% Hydrogen Peroxide Vapour technology.

Nick Adams
enquiries@bioquell.com



www.bioquell.com

Cardiolyse



- Ukraine
- ✓ Price on request
- ✓ Available in EN, DE

Cloud ECG & HRV analytics platform, that enables real-time remote heart health monitoring, providing plain personalized reports, detection and up to two months data-based prognosis on dangerous heart events.

Anna Starynska
anna.starynska@cardiolyse.me



www.cardiolyse.com



Domo



- Switzerland
- CHF 1.40 to 3.25/
person/day
- ✓ Available in EN, FR

Combines the benefits of remote monitoring and a system of notifications for the prevention of harmful or potentially dangerous situations.

Caroline Busset
caroline.busset@domo-safety.com



www.domo-safety.com





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Emergency Home



emergencyhomehelp@gmail.com

- 📍 Spain
- ✓ Free
- ✓ Available in EN, IT, ES, FR

Linking up professionals in the healthcare and civil protection sectors with both real estate agents and property owners all over Europe in order to offer a home free from Coronavirus.



www.emergencyhome.help

Expy Health



John Ikudaisi
info@expyhealth.com

- 📍 United States
- ✓ Free during COVID-19
- ✓ Available in EN

Remote patient monitoring and real-time insights on recovery metrics, compliance statistics, and more.



www.expyhealth.com

Geras Solutions



Haza Newman
haza.newman@gerassolutions.com

- 📍 Sweden
- ✓ Price on request
- ✓ Available in EN, SE

Remote care access using digitalised diagnostic and supportive solutions for dementia care.



GERAS SOLUTIONS

www.gerassolutions.com

HandInScan



info@handiscan.com

- 📍 Hungary
- ✓ Price on request
- ✓ Available in EN

Device that assesses hand hygiene efficiency.



Hand·in·Scan
Hand Hygiene Matters

www.handinscan.com

Hipac Healthcare Pty Ltd



info@hipac.com.au

- 📍 Australia
- ✓ Price on request
- ✓ Available in EN

Next generation UV light disinfection as sophisticated and effective solution to prevent Healthcare Associated Infections.



We're here for life

www.hipac.com.au





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HospitHome



info@hospithome.com

- Switzerland
- ✓ Price on request
- ✓ Available in EN, IT

Complete virtual assistance serving people and organizations, including multimedia information necessary for the prevention, diagnosis, treatment and subsequent monitoring of patients.



www.hospithome.com

Jodacare



Kristil Erla Håland
post@jodacare.com

- Norway
- ✓ Price on request
- ✓ Available in EN, NO

Digital health solution enabling secure communication between healthcare professionals with their families, patients and relatives.



www.jodacare.no

Lumaliere Tru-D



Bryan Pietri
info@tru-d.com

- United States
- \$ 125.000,00
- ✓ Available in EN

Integrated infection prevention device consistently disinfecting a room from a single position, eliminating human error and documenting disinfection results for each cycle.

Tru-D SmartUVC

www.tru-d.com

MakeFaceMasks



Anthony Liekens
anthony@liekens.net

- Belgium
- ✓ Price on request
- ✓ Available in EN, DE

Patterns and designs for face masks, validated by Belgian federal government.

MAKEFACEMASKS

www.makefacemasks.com

Mediktor



Cristian Pascual
info@mediktor.com



- Spain
- ✓ Price on request
- ✓ Multiple languages

Artificial Intelligence-based medical assistant for triage, pre-diagnosis and clinical decision support.



www.mediktor.com





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Medisanté

- Switzerland
- ✓ Price on request
- ✓ Available in EN



Remote patient monitoring for improved care.

Gilles Lunzenfichter
info@medisante-group.com

Medisanté

www.medisante.ch

Medopad

- United Kingdom
- ✓ Price on request
- ✓ Available in EN



Deliver better and more personalised care by transforming the way patients and data interact with clinicians, generating predictive insights able to detect life threatening medical conditions.

contact@medopad.com

medopad

www.medopad.com

NevisQ

- Germany
- ✓ Price on request
- ✓ Available in EN, DE



Sensor system for fall detection and activity analysis for nursing homes and hospitals.

Christian Kind
info@nevisq.com

nevisQ

www.nevisq.com

Oxipit

- Lithuania
- ✓ Price on request
- ✓ Available in EN



AI-based chest X-Ray radiology suite providing fully automatic computer-aided diagnosis (CAD) chest X-ray solution localising radiological findings on a heatmap and producing preliminary reports for radiologist's approval.

Gediminas Pekšys
info@oxipit.ai



OXIPIT

www.oxipit.ai



PlayItSafe

- Belgium
- ✓ Price on request
- ✓ Available in EN, NL



Play It Safe makes prevention e-learning games for high-risk environments. Corona prevention game about social distancing, handwashing routine (www.playitsafe.eu/speel-het-corona-preventie-game/).

Brecht Kets
brecht@playitsafe.eu



PLAY IT SAFE!

GAME-BASED LEARNING PLATFORM

www.playitsafe.eu





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Portables



- Germany
- ✓ Price on request
- ✓ Available in EN, DE

High-precision fall risk reduction solutions for better therapies and better quality of life for patients with movement disorders.

Ralph Steidl
info@portables-hct.de



www.portables-hct.de

PEPP-PT



- Germany
- ✓ Price on request
- ✓ Available in EN

Interrupting new chains of SARS-CoV-2 transmission rapidly and effectively by informing potentially exposed people.

info@pepp-pt.org



www.pepp-pt.org

Senso2me



- Belgium
- ✓ Price on request
- ✓ Available in EN, FR, NL

Safe and simple care technology solutions supporting individual and assisted living for elderly.

Alain Van Buyten
info@sensoz2.me



www.sensoz2.me

Service Robots



- United Kingdom
- ✓ Price on request
- ✓ Available in EN

UV cleaning robots available for hire or purchase.

info@servicerobots.com



www.servicerobots.com

UV-D robots



- Denmark
- € 60.000,00
- ✓ Available in EN, DK

Professional service robots setting new standards for automated and secure disinfection in healthcare.

Per Juul Nielsen
info@uvd-robots.com



www.uvd-robots.com





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Visseiro

- Germany
- ✓ Price on request
- ✓ Available in EN, DE



A simple pillow to effortlessly track elderly's health.

Pirmin Kelbel
info@visseiro.com

VISSEIRO
DIGITAL HEALTHCARE

www.visseiro.com

Xenex

- United States
- € 81.000,00
- ✓ Available in EN



User friendly robots providing advanced disinfection systems, proven protocols, and guaranteed HAI reduction programs.

Morris Miller
info@xenex.com

XENEX
Disinfection Systems

www.xenex.com

Youibot

- China
- ✓ Price on request
- ✓ Available in EN, CHI



Autonomous disinfection robots with UV-C emitting bulbs and additional thermal cameras for monitoring the body temperature.

Amber Qi
Amber@Youibot.com

YOUIBOT
优艾智合

www.youibot.com

Zembro

- Belgium
- ✓ Price on request
- ✓ Available in EN, DE, NL, FR



A modern personal alarm wearable for active seniors.

service@zembro.com

Zembro

www.zembro.com

Zhejiang Orient Gene Biotech Co.,LTD

- China
- ✓ Price on request
- ✓ Available in EN, CHI



Solid phase immunochromatographic assay, COVID-19 IgG/IgM Rapid Test Cassette (Whole Blood/Serum/Plasma).

sales@orientgene.com

HEALGEN
东方基因



www.orientgene.com





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1doc3

- Colombia
- ✓ Free during COVID-19
- ✓ Available in ES



Ask anonymous questions to doctors.

Javier Cardona
contacto@1doc3.com



www.1doc3.com

Abaton

- Germany
- ✓ Free
- ✓ Available in DE



App for people suffering from depression as well as offering a wide range of courses, guided meditations, sleep aids, and other resources to help users improve emotional health.

Manuel Grahammer
info@portables-hct.de



www.abaton.info

Akara Robotics

- Ireland
- ✓ Price on request
- ✓ Available in EN



Social robots for elderly care centers.

stevie@akara.ai



www.akara.ai

Aldebaran - SoftBank Robotics EU

- France
- ✓ Free trial
- ✓ Available in EN, JPN



Pepper, the social humanoid robot is able to recognize faces and basic human emotions and was optimised for human interaction, engaging with people through conversation and his touch screen.

community@aldebaran.com



www.softbankrobotics.com

Asina

- Germany
- ✓ Free
- ✓ Available in EN, DE



Smart application that combines entertainment along with medication and regular check-ups.

info@asina.de



www.asina.de





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Aurora Health (Moodpath)

- Germany
- ✓ Free
- ✓ Available in EN, DE



App for people suffering from depression as well as offering a wide range of courses, guided meditations, sleep aids, and other resources to help users improve emotional health.

Nicolas Stoetter
info@senso2.me



www.mymoodpath.com

Bold Health

- United Kingdom
- ✓ Free
- ✓ Available in EN



Digital therapeutics for digestive health and Irritable Bowel Syndrome (IBS).

Elena Mustava
elena@bold.health



www.bold.health

Boost Thyroid

- Germany
- € 70,00
- ✓ Available in EN, DE, ES



Enabling people with an underactive thyroid and Hashimoto's to take full control of their health while improving patient-doctor conversations.

Vedrana Högqvist Tabor
hello@boosthealthapp.com



www.boostthyroid.com

Caspar

- Germany
- ✓ Free
- ✓ Available in EN, DE



Patients can access exercises and seminars and track their progress anytime, anywhere.

Laura Haase
support@caspar-health.com



www.caspar-health.com

CloudMind

- Canada
- ✓ Price on request
- ✓ Multiple languages



Service robots with task-driven conversations and vision controlled robotic manipulation (grasping/gesturing/moving/VSLAM).

info@cloudminds.com



www.en.cloudminds.com





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Cubigo



info@cubigo.com

Belgium

- ✓ Free during COVID-19
- ✓ Available in EN,NL

Application to keep elders in touch with their families.



www.cubigo.com

Datadista



hola@datadista.com

Spain

- ✓ Free
- ✓ Available in ES

Daily COVID-19 data visualisation in Spain in an accessible, accurate and comprehensible format.

DATADISTA

www.datadista.com

DiHeSys



Gerald Huber

info@dihesys.com

Germany

- ✓ Price on request
- ✓ Available in EN, DE

2D and 3D printed medicines, optimising the effectiveness and tolerability of medications for patients.



www.digital-health-systems.com

Gaia AG



info@deprexis.de



Germany

- ✓ Price on request
- ✓ Available in EN, DE

Digital treatment for mild to severe depression.

deprexis®

www.deprexis.com

Goodsomnia



Hans-Jörgen Henriksson

support@goodsomnia.com

Sweden

- ✓ Price on request
- ✓ Available in EN, SE

Innovative solutions for health screening and snore detection during your sleep, for a better understanding of health conditions and successful treatment.



www.goodsomnia.com





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Jourvie

- Germany
- ✓ Price on request
- ✓ Available in EN, DE

Digital companion for support with eating disorders, helping patients navigate through stressful life events and motivating them to stay on track.

Vivian Otto
hello@jourvie.com



Kaia Health Software

- Germany
- ✓ Price on request
- ✓ Available in EN, DE

A multimodal program to safely and effectively help both the body and the brain cope with back pain, COPD, and musculoskeletal conditions.

Konstantin Mehl
info@kaiahealth.com



www.kaiahealth.com



Klenico

- Switzerland
- ✓ Price on request
- ✓ Available in EN, DE

Digital diagnostics that visualises mental disorders for health professionals and patients, creating ideal conditions for the best possible treatment.

Richard Etter
info@klenico.com



www.klenico.com



Mediquo

- Spain
- ✓ Free
- ✓ Available in ES

Medical chat service through the MEDIQUO App with multiple medical specialists.

Guillem Sierra
info@mediquo.com



www.mediquo.com

Memoride

- Belgium
- ✓ Price on request
- ✓ Available in EN, FR, NL

Memoride helps the elderly remain active by adding cycle routes familiar to them from childhood to their daily exercises.

Geert Haekens
info@uvd-robots.com



www.memoride.eu





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Mimerse

- Sweden
- ✓ Free Trial
- ✓ Available in EN



VR treatment for phobias and for relaxation.

Niclas Wijkström
support@mimerse.com

mimerse
www.mimerse.com

Mindable Health

- Germany
- ✓ Free
- ✓ Available in EN, DE



Digital cognitive-behavioural therapy for panic and agoraphobia, bridging waiting times while offering treatment support.

Linda Weber
team@mindable.health

Mindable.
www.mindable.health



mySkills

- Germany
- ✓ Free
- ✓ Available in DE



DBT app that helps people with borderline, PTSD, burnout in regulating their inner tension.

Patrick Hartwig
patrick@myskills.app



www.myskills.app

Nala Care

- Switzerland
- ✓ Price on request
- ✓ Available in EN, DE



Empowering patients with chronic skin conditions to live a healthier & happier life.

Jeremy Henrichs
hallo@nala.care

NALA
www.nala.care

Noblito

- Belgium
- ✓ Free
- ✓ Available in NL



Noblito supports elders in expanding their social circle.

Patrick Dillen
info@servicerobots.com

noblito
www.noblito.be





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OhmniLabs



Thuc Vu
contact@ohmnilabs.com



- United States
- ✓ Price on request
- ✓ Multiple languages

Supercam Telepresence Robot helping people interact with their loved ones handsfree, providing connection and comfort.



Omitech



info@omitech.it

- Italy
- ✓ Price on request
- ✓ Available in IT

AI tool used to control and adapt the behavior of robots based on inputs, interactions and the environment of use.



Qwiek



Paul Voncken
info@qwiek.eu

- The Netherlands
- ✓ Price on request
- ✓ Available in DE, NL

Smart solutions for elderly and disability care.



Salumedia



Luis Fernandez-Luque
info@salumedia.com

- Spain
- ✓ Price on request
- ✓ Available in EN, ES

Digital therapeutics for patient empowerment, and lifestyle change support, moreover for the prevention and support of patients with COVID-19.



SATHeart SA



Patrick Celka
patrick.celka@satheart.com

- Switzerland
- ✓ Price on request
- ✓ Available in EN

Platform for cardio-stress rehabilitation based on breathing guidance and biofeedback.



www.satheart.com





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Senopi

- Switzerland
- ✓ Price on request
- ✓ Available in EN, DE, FI



Senopi uses virtual reality (VR) headsets and specially designed 360-degree videos from nature to activate or calm seniors.



Karsten Bagger
karsten@senopi.com

Senopi

www.senopi.com

Sense Garden

- Norway
- ✓ Price on request
- ✓ Available in EN



The Sense-Garden environment stimulates the five senses to give dementia patients the opportunity to reconnect with their life-story.



Ronny Broeckx
info@SENSE-GARDEN.eu



www.sense-garden.eu

Snoezle

- Belgium
- ✓ Price on request
- ✓ Available in EN, DE, NL



The Snoezel Experience offers people with intellectual disability or advanced dementia a calming environment.



info@snoezle.be



www.snoezle.be

Soulcenter

- Belgium
- ✓ Price on request
- ✓ Available in NL



Soulcenter makes elderly care facilities a warmer place to live.



Frederik Vincx
frederik@soulcenter.be



www.soulcenter.be

Symptomate

- Poland
- ✓ Price on request
- ✓ Multiple languages



Providing a fast and accurate health assessment, revealing possible causes of your symptoms, options for next steps, suggested lab tests.



contact@infermedica.com



www.symptomate.com





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Syndo Health



Peter Deckers
info@syndo.be

- Belgium
- ✓ Price on request
- ✓ Available in FR, NL

Personal health coaching for patients with anxiety.



www.syndo.be

TOM



Sven Beichler
sven.beichler@innovation6.ch

- Switzerland
- ✓ Free
- ✓ Multiple languages

Digital health solution for medication management.



www.tommedications.ch

Zora Robotics



info@zorabots.be

- Belgium
- ✓ Price on request
- ✓ Available in EN, FR, NL

An interactive and caring platform solution providing most popular humanoid robots; ZoraBots makes friendly, intelligent companions with just one goal: making life better.



www.zorarobotics.be





EMPLOYEE BURNOUT AND STRESS

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Acalma

- Portugal
- ✓ Free during COVID-19
- ✓ Available in PT



Portuguese national project of online support sessions to promote mental health during the COVID-19 pandemic.

Margarida Soares
margarida@doctorino.pt

acalma.online

www.acalma.online

Ada Health

- Germany
- ✓ Free
- ✓ Multiple languages



Connecting medical knowledge with intelligent technology to help people actively manage their health and medical professionals to deliver effective care.

Daniel Nathrath
hello@ada.com



www.ada.com



AmWell

- Belgium
- ✓ Price on request
- ✓ Available in EN



AmWell develops and delivers resilience and performance solutions in which individual benefits extend purposefully and meaningfully towards the work place, personal and family life and the broader society.

Shahram Sharif
info@amwellatwork.com



www.amwellatwork.com

Atlas

- Romania
- ✓ Price on request
- ✓ Available in EN,RO,FR, ES



Maintenance of physical, mental, and emotional well-being by making professional counseling accessible, affordable and convenient.

help@atlas.app



www.atlashelp.net

Babylon

- United Kingdom
- £ Free or 149/year, 49/consultation
- ✓ Available in EN



Accessible AI-based healthcare by understanding and recognising the unique way humans express their symptoms, thus providing information on possible medical conditions and common treatments.

Ali Parsa
support@babylonhealth.com



www.babylonhealth.com





EMPLOYEE BURNOUT AND STRESS

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Beekeeper

- Switzerland
- ✓ Price on request
- ✓ Available in EN, DE, FR



Complex communication platform and app for efficient daily operations.

contact@beekeeper.io



www.beekeeper.io

Doximity

- United States
- ✓ Price on request
- ✓ Available in EN



Professional medical network for physicians.

Jeff Tangney
bd@doximity.com



www.doximity.com

HRCoffee

- Italy
- ✓ Price on request
- ✓ Available in EN, IT, ES



A digital workplace that connects all employees of a company with a bottom-up, smart and dynamic approach.

Pasquale Davide de Palma



www.hrcoffee.it

K Health

- United States
- ✓ Free or small fee
- ✓ Available in EN, ESP, Hebrew



Cutting-edge AI giving immediate answers you can trust and convenient access to quality primary care in minutes.

Allon Bloch
allon@khealth.ai



www.khealth.ai

Komed Health

- Switzerland
- ✓ Price on request
- ✓ Available in EN



Transforming healthcare communication for doctors, nurses and other healthcare professionals by providing a secure and powerful real-time communication platform that facilitates efficient team collaboration.

Luiza Dobre
info@komed-health.com



www.komed-health.com





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CLINICIAN

Kry

- Sweden
- ✓ Price on request
- ✓ Available in EN, SE, NO, DE



Teleconsultation with specialist doctors, dieticians and psychologists via video calls or instant messaging.

support@kry.se



www.kry.se

Lifekeys

- Norway
- ✓ Price on request
- ✓ Available in EN, NO



Personalized video or teleconsultations with licensed psychologists.

contact@lifekeys.no



www.lifekeyshealth.com

MedWhat

- United States
- ✓ Price on request
- ✓ Available in EN



Deep learning for medical conversations, diagnosis & treatment, medical questions answering, medical image recognition and personalized medicine.

Arturo Devesa
info@medwhat.com



www.medwhat.com

Mentavio

- Germany
- ✓ Price on request
- ✓ Available in DE



Online therapy, coaching and consulting for mental health problems.

Maria Kleinschmidt
info@mentavio.com

mentavio[®]

www.mentavio.com

Mindler

- Sweden
- SEK 100 in SE
- ✓ Available in EN, SE



Teleconsultation and cognitive-behavioral therapy with psychologists.

info@mindler.se



www.mindler.se





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Moonbird

- 📍 Belgium
- ✓ Price on request
- ✓ Available in EN



Moonbird brings breathing exercises in the palm of your hand by relieving sleeping problems and stress.

👤 Stefanie Broes
stefanie@moonbird.life



www.moonbird.life

Nannyfy

- 📍 Spain
- ✓ Price on request
- ✓ Available in EN, ES



Offering online smart nanny services during COVID-19 pandemic.

👤 Claudia de la Riva
info@nannyfy.com



www.nannyfy.com

Posso-ir

- 📍 Portugal
- ✓ Free
- ✓ Available in PT



See the status of queues at establishments near you, in a list format or on the map.

👤 support@findlapa.com



www.posso-ir.com

Qapsula

- 📍 United States
- ✓ Price on request
- ✓ Multiple languages



Virtual personal assistant helping with health management.

👤 support@qapsula.com



www.qapsula.com

Sanvello

- 📍 United States
- SEK100 in SE
- ✓ Available in EN, SE



Sanvello self-care reduces the impact mental health struggles have on people's lives through tools and strategies that provide relief.

👤 Geoff Bremner
business@sanvello.com



www.sanvello.com





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Selfapy

- Germany
- ✓ Price on request
- ✓ Available in EN, DE



Online therapy and coaching for mental disorders (depression, anxiety, stress, eating disorders, chronic pain).

Katrin Bermbach
contact@selfapy.com



www.selfapy.de

Telios Care

- Romania
- ✓ Price on request
- ✓ Available in EN, ES



Integrated telemedicine system.

Philip Choban
philip.choban@telios.ro



TELIOS
www.telios.ro

UIPath

- Romania
- ✓ Free
- ✓ Multiple languages



By helping overcome healthcare operational pain points, RPA alleviates the daily workflow, driving enhanced efficiency and growth.

Anna Ghica
anna.ghica@uipath.com



www.uipath.com

Your MD

- United Kingdom
- ✓ Price on request
- ✓ Multiple languages



Safe and personalised information, guidance and support for self health care.

Andy Ballass
care@your.md



www.your.md





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Alberta IT-Labs

- Germany
- ✓ Free trial, €50/month standard, €100/month premium
- ✓ Available in DE



Digital health solution for managing patients with chronic conditions.

Guven Karakuzu
mail@halloalberta.de



www.halloalberta.de

Appva

- Sweden
- ✓ Price on request
- ✓ Available in EN, JA, SE



Medication and care support system, including an inventory module for medical supplies and possible to integrate also with incontinence sensor.

Ulrika Kjellberg
info@appva.se



www.appva.com

Bingli

- Belgium
- ✓ Price on request
- ✓ Available in EN, FR, NL, DE



Smart medical interviews to reduce waiting times and better preparation for consultations; also providing a COVID-19 check (<https://chat.mybingli.com/#/covid>).

Tom Van De Putte
info@mybingli.com



www.mybingli.com

Birdie

- United Kingdom
- ✓ Free
- ✓ Available in EN



Management support for elders to live happily and independently.

support@birdie.care



www.birdie.care

Body Interact

- Portugal
- ✓ Price on request
- ✓ Multiple languages



A new didactic to help healthcare learners and professionals to accelerate decision-making and critical thinking.

Pedro Pinto
info@bodyinteract.com



www.bodyinteract.com





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Bridge

- Germany
- ✓ Price on request
- ✓ Available in EN, DE



Easily conduct patient consultations digitally.

Holm Hallbauer
info@bridge-systems.com

bridge

www.bridge-systems.com

Carealia

- Greece
- ✓ Price on request
- ✓ Available in EN



Providing affordable, smart solutions for dementia care at home or retirement facilities.

Thanos Stavropoulos
info@carealia.gr

Carealia

www.carealia.gr

Cognizant Technology Solutions

- United States
- ✓ Price on request
- ✓ Available in EN, FR, DE



AI and machine learning to identify social determinants of health and improve clinical and care management.

inquiry@cognizant.com

Cognizant

www.cognizant.com

Covidografia

- Portugal
- ✓ Free
- ✓ Available in PT



Covidografia collects information about the symptoms of the Portuguese population in real time to help healthcare authorities.

Rui Costa
info@covidografia.pt

covidografia

www.covidografia.pt

Covidorg

- France
- ✓ Free
- ✓ Multiple languages



Platform where caregivers and facility managers share their documents on “what to know”, “what to do” and “what to monitor”.

Els Geelen
info@zorgonline.be



www.covidorg.com





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Cuppa Care / Sara Dunn Associates Ltd

- United Kingdom
- Price on request
- Available in EN



Learning tools for quality care of seniors.

info@cuppacare.com



www.cuppacare.com

Dossier Health

- Denmark
- Price on request
- Available in EN, SE, DK, NO



Digital competency management tool, managing training in large organizations and in healthcare practice.

Anette Ringsted
info@dossierhealthcare.com



www.dossierhealthcare.com

Epocrates

- United States
- Free, contact needed for Epocrates+
- Available in EN



Medical reference app that supports your clinical decisions in multiple ways, multiple times a day.

Jeff Tangney
support@epocrates.com



www.epocrates.com

Euris

- France
- Price on request
- Available in EN, FR, CHI



Supporting the deployment of innovative services of Life Sciences companies, healthcare insurers & e-health service providers.

commercial@euris.com



www.euris.com

Everhealth

- Spain
- Price on request
- Available in ES



Medical service for companies, individuals and insurance companies specialised in telemedicine and remote healthcare assistance.

Rafael García
info@everhealth.es



www.everhealth.es





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HealthCode AI

- Estonia
- ✓ Personalised healthcare plan from €5/month
- ✓ Available in EN



Leia by HealthCode AI is an artificial intelligence powered diagnostic platform for physicians.

Mart Levo
mart@healthcodeai.com

HealthCode AI

www.healthcodeai.com

Helper

- Belgium
- ✓ Price on request
- ✓ Available in FR, NL



Helper connects volunteers with people or organisations in need for support.

François Gérard
hello@helper.be

helper

www.helper.be

Higo

- Poland
- ✓ Price on request
- ✓ Available in EN, PL



A telemedical system for remote examination, including sensors and AI.

Łukasz Krasnopolski
lukasz.krasnopolski@higosense.com

+ Higo™

www.higosense.com

HumanITcare

- Spain
- ✓ Free during COVID-19
- ✓ Available in EN



Smart platform for remote patient monitoring analysing various isometric dimensions of the patient.

Nuria Pastor
info@humancare.com

HumanITcare

www.humanitcare.com

Idana

- Germany
- ✓ Free trial
- ✓ Available in EN, DE



Software-as-a-service solution for intelligent digital patient anamnesis.

Lucas Spohn
kontakt@idana.one

idana

Intelligente Digitale Anamnese

www.idana.com





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Infermedica Symptom checker



contact@infermedica.com

- Poland
- Price on request
- Multiple languages

Infermedica develops AI technology for preliminary medical diagnosis and triage.

Infermedica

www.infermedica.com

INFORM



info@inform-software.com

- Germany
- Price on request
- Available in EN, DE

The intelligent healthcare logistics software combining a wide range of functions to control, rationalise and optimize all logistics flows.

INFORM

www.inform-software.com

into.care



Jeroen De Backer
hi@into.care

- Belgium
- Price on request
- Available in EN, FR, ES, NL

into.care focuses on qualitative patient care by improving workflow, fostering collaboration within teams and supporting efficient administration of daily healthcare routines.

into.care

www.into.care

Iron Health



Thiago Lisboa
thiagochaib@iron.fit

- Portugal
- Price on request
- Available in EN, PT

Coronavirus Health Scan provides a quick and accurately predictive analysis of the risk of contamination.



www.iron.fit

Joliv / Mobil Omsorg



kundservice@joliv.se



- Sweden
- Price on request
- Available in SE

Care planning, reporting and management system for healthcare organisations.

JOLIV
E-hälsa för bättre vård och omsorg

www.mobilomsorg.se





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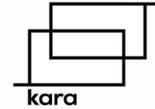
Kara Connect

- 📍 Iceland
- ✓ 30 days free trial
- ✓ Available in EN, IS, DK



Kara is a GDPR compliant online therapy and practice management platform that brings professionals and clients together through a simple and secure online connection.

👤 Thorbjorg Vigfusdóttir
kara@karaconnect.com



www.karaconnect.com

Match4Healthcare

- 📍 Germany
- ✓ Price on request
- ✓ Available in EN, DE



Matching volunteers with institutions in need of additional workforce (in Germany).

👤 Alexandra Diendorfer
info@medis-vs-covid19.de



www.match4healthcare.de

Medic Chat

- 📍 Romania
- € 6 per question
- ✓ Available in EN, RO



Quick and easy access to trustworthy medical advice.

👤 contact@medic.chathigosense.com



www.medic.chat

Medical Lab Tests

- 📍 Denmark
- ✓ Free
- ✓ Available in EN



Pocket tool for medical laboratory tests for everyone and anyone.

👤 mail@mediconapps.com



www.mediconapps.com

Minnity

- 📍 Sweden
- ✓ Free during COVID-19
- ✓ Available in EN, SE, FR



Coordination tool for individualised care, with bite-sized training for elderly care staff (free microlearning course on COVID-19 available), also including communication for healthcare team and family members.

👤 Katarzyna Hess-Wiktor
team@minnity.com



www.minnity.com





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Mobile Industrial Robots

-  Denmark
- ✓ Price on request
- ✓ Multiple languages



The MiR AMRs are designed to make employees more efficient by allowing them to focus on higher-value activities, while shortening lead time, reducing the risk of bottlenecks, and optimising safety.

 Diana Davoyan
mail@mir-robots.com



www.mobile-industrial-robots.com

MyndYou

-  Israel
- ✓ Price on request
- ✓ Available in EN



Connecting AI-based, cutting-edge technology with the human touch to reduce readmission rates, improve clinical outcomes, and promote quality of life for older adults.

 Ruth Poliakine Baruchi
info@myndyou.com

MyndYou

www.myndyou.com

myoncare

-  Germany
- ✓ Price on request
- ✓ Available in EN, DE



Myoncare supports with the management of appointments, treatment plans and medication by connecting patients with their care team.

 Christian Hieronimi
info@myoncare.com



 myoncare

www.myoncare.com/

Neuroforma

-  Poland
- ✓ Price on request
- ✓ Available in EN, PL



Computer program for motor and cognitive rehabilitation, designed for patients with neurological diseases and injuries, suited for the rehabilitation of patients with multiple sclerosis, those recovering from brain stroke or brain injury.

 contact@neuro-forma.com



www.neuro-forma.pl

Noomi / Nectarine

-  Sweden
- ✓ Price on request
- ✓ Available in EN



Artificial intelligence remote care solution assisting senior living and independent living facilities to deliver more efficient and higher quality care.

 info@nectarinehealth.com



Nectarine
www.nectarinehealth.com





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Olocip

- Spain
- ✓ Free
- ✓ Available in EN, ES



Model prediction of COVID-19 evolution in Spain.

Esteban Granero
info@olocip.com



Onerva

- Finland
- ✓ Price on request
- ✓ Available in EN, DE, SE, FI



Secure and realtime instant-messaging service for homecare and nursing homes.

Ville Niemijärvi
info@onervahoiva.fi



PatientMpower

- Ireland
- ✓ Price on request
- ✓ Available in EN



Remote Monitoring for COVID-19 after diagnosis.

info@patientmpower.com



Psycurio

- Germany
- ✓ Price on request
- ✓ Available in EN, DE



Immersive VR software for psychotherapists.

Daniela Schumacher
d.schumacher@psycurio.de



PTR Robots

- Denmark
- ✓ Price on request
- ✓ Available in EN, DK



Mobile, flexible and modular patient-lifting robot intended to be used in hospital patient rooms and in situations where patient-moving is required.

Henrik Vester-Andersen
info@ptr-robots.com





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Raccoon Technologies

- Ukraine
- ✓ Price on request
- ✓ Available in EN, DE, UK



Tool for physical rehabilitation after injuries and neurological diseases that provides better outcomes for patients and saves therapist's time.



Svetlana Malovana
info@raccoon.world



www.raccoon.world

RAMP Medical

- Germany
- ✓ Price on request
- ✓ Available in EN, DE



Scientific therapy decision assistance for type 2 diabetes treatment.



Helene Schönewolf
helene.schoenewolf@rampmedical.com



www.rampmedical.com

RemindMe care

- United Kingdom
- ✓ Price on request
- ✓ Multiple languages



Supporting elders, dementia, MCI and LD patients with activities and therapy.



Simon Hooper
simon@health-connected.com



www.remindmecare.com

SecureSafe

- Switzerland
- ✓ Price on request
- ✓ Available in EN, DE, FR, IT



Online storage solution that safe simplifies online file sharing and protects documents and passwords.



Tobias Christen
info@dswiss.com



www.securesafe.com

Sekoia

- Denmark
- ✓ Price on request
- ✓ Multiple languages



Sekoia is an electronic care planning system for the care sector, designed to free up time for what is important.



contact@sekoia.co.uk



www.sekoia-care.co.uk





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SIDLY

- Poland
- Price on request
- Available in EN, PL, DE



Innovative medical technology, consisting of tele-medical wristband and platform, mobile application and permanent access to medical diagnostics.

Edyta Kocyk
office@sidly.eu



www.sidly.eu

Siemens Healthineers

- Germany
- Price on request
- Multiple languages



Comprehensive solutions for triage & point-of-care.

contact@siemens-healthineers.com



www.siemens-healthineers.com

STAY UP

- Portugal
- Price on request
- Available in EN, PT, FR



Digital platform offering physical therapy and fun cognitive exercises to seniors.

Lucas Perez
STAY-UP@health-my-project.com



www.stayupfalls.wixsite.com/stayup

Storii Care

- United Kingdom
- From 75,00 per month
- Available in EN



Digital platform to help senior living providers offer high quality care.

team@storii.com



www.storiicare.com

TakeOff

- Italy
- 8.99,00 per user/module/month
- Available in IT



Efficient business activities management and collaboration between colleagues, combining the flexibility of cloud software with the ease of using smartphone apps.

Tony Casasola
info@ivsrl.it



www.takeoffcrm.eu





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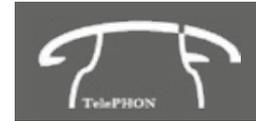
TelePHON

- Belgium
- ✓ Price on request
- ✓ Multiple languages



Platform for healthcare professionals and therapists to monitor their patients remotely and give them exercises and training materials.

Mieke Moerman
mmoerman@proximus.be



www.telephon.digital

Think biosolution limited

- Ireland
- ✓ Price on request
- ✓ Available in EN



Customised remote patient monitoring (PRM) solution for telehealth enterprises.

Subhabrata Mondal
contact@thinkbiosolution.com



www.thinkbiosolution.com

Thryve

- Germany
- ✓ Price on request
- ✓ Available in EN



Enabling health services to connect all customers devices' data through one harmonised plug & play API.

Friedrich Lisboa
info@thryve.de



www.thryve.health



Trustedoctor

- United Kingdom
- ✓ Price on request
- ✓ Multiple languages



Providing tools that simplify the healthcare process, making it more convenient and meaningful for doctors, patients and healthcare intermediaries.

info@trustedoctor.com



www.trustedoctor.com

Tug Indoor Robot

- Switzerland
- ✓ Price on request
- ✓ Available in EN, FR, DE, IT



Medication, food, lab samples and even waste: the indoor robots can transport practically anything and work around the clock, moving independently.

innovation@post.ch



www.post.ch





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We Are Bit

-  Netherlands
- ✓ Price on request
- ✓ Available in EN, NL



AI solution for workspace distance planning.

 Marco Van Der Werf
marco@wearebit.com

bit

www.wearebit.com

Wellness FX

-  United States
- ✓ Price on request
- ✓ Available in EN



Advanced, secured biomarker data within a week of your blood test. Simply sign up, print your lab order, and find a lab location near you.

 Paul Jacobson
support@wellnessfx.com

 **WellnessFX**[®]

www.wellnessfx.com

XVision

-  Romania
- ✓ Price on request
- ✓ Available in EN



AI algorithms to help radiologists fare better at their everyday tasks.

 Stefan Larca
contact@mindfullytech.com



www.xvision.app

ZorgOnline

-  Belgium
- ✓ Price on request
- ✓ Available in NL



ZorgOnline helps healthcare organisations organise the provision of care including personnel policy, communication, logistics.

 Els Geelen
info@zorgonline.be

 **Uw Zorg online**

www.zorgonline.be



Abbreviations

AI	Artificial Intelligence
AMRs	Autonomous Mobile Robots
API	Active Pharmaceutical Ingredient
CAD	Computer-Aided Diagnosis
CDC	Centre for Disease Control and Prevention
CIRS	Critical Incident Reporting System
COPD	Chronic Obstructive Pulmonary Disease
COVID-19	Coronavirus Disease 2019
DBT	Dialectical Behaviour Therapy
ECDC	European Centre for Disease Control and Prevention
ECG	Electrocardiogram
EOL	End of Life
EU	European Union
GDPR	General Data Protection Regulation
GP	General Practitioner
HAIs	Healthcare Associated Infections
HPV	Hydrogen Peroxide Vapour
HR	Human Resources
HRV	Heart Rate Variability
IBS	Irritable Bowel Syndrome
IgG	Immunoglobulin G
IgM	Immunoglobulin M
LD	Learning disabilities
LTC	Long-Term Care
MCI	Mild cognitive impairment
MiR	Mobile industrial Robots
NGOs	Non-Governmental Organisations
PPE	Personal Protective Equipment
PTSD	Post-traumatic Stress Disorder
RPA	Robotic Process Automation
THE DAP	The Digital Aid Project
US	United States
UVC	Ultraviolet C
VR	Virtual Reality
WHO	World Health Organisation

Disclaimer

The views and opinions expressed in this document reflect the perspective of The Digital Aid Project collectively. This document does not reflect the views of the individual DAP members, nor the views of their respective employers or partner organisations supporting the project.

Publication

Edition April 2020 v.1

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info@thedigitalaidproject.com

THE DAP

THE **D**IGITAL **A**ID **P**ROJECT
LEAVING **N**O ONE **B**EHIND