



MEDICLINIC SOUTHERN AFRICA HACKATHON







WELCOME FROM OUR SPONSOR

Dear Hackers,

It's HACKATHON TIME!

Welcome to Stellenbosch

Take a look around you... does it feel like a typical Mediclinic event, or like a usual business trip? It certainly does not. This hackathon was conceived and developed to be a one-of-a-kind event, one to break habits and to encourage us to start looking at our business with a different lens. We've worked hard over the past months to prepare for this event, and the entire Mediclinic and Launch Lab teams are very excited to have you all here with us!

You showed great potential amongst the hundreds of applicants, and the hackathon will give you a stage on which to shine. We now count on you to use the next two days to develop and accelerate your entrepreneurial ideas and help bring our organisation to the next level. Take advantage of this unique opportunity to be empowered and to demonstrate the growth and agile mindset each Mediclinic employee should strive for.

We hope you will enjoy the next few days. It may be stressful and tiring at times, but it will also be fun and you will get a great networking opportunity. Don't be nervous – just go for it. Show us what you're capable of and make us proud!

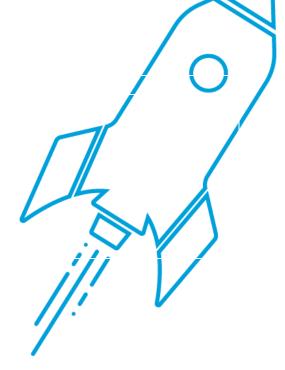
Good luck!



Greg van Wyk Chief Executive Officer Mediclinic Southern Africa



Dr Tyson Welzel Group Chief Innovation Officer Mediclinic International







PROGRAMME

Over the course of the two days, you will go through 4 main stages, starting with solving your challenge, testing & improving it, building your pitch & business model and ending with a big celebration. Find more details below.

DAY 1 - SOLVE & TEST (1 JUNE 2022) 8:30 AM - 6:30 PM		DAY 2 - PITCH & CELEBRATE (2 JUNE 2022) 8:00 AM - 7:00 PM	
SOLVE AND TEST (CINEMA)		BUSINESS MODEL & PITCH BUILD	
08:30-09:00 09:15-09:30	Arrival and registration Opening Address Dr Tyson Welzel, Chief Innovation Officer, Mediclinic	08:00-09:00	Keynote: Reflections on Stone Three's industrial health innovation journey Dirk Wagener, General Manager: People Productivity & Health Mark Silberbauer, Product Manager, Stone Three Digital Day 1 Review & Day 2 look ahead(VV – Hall)
09:30-09.45	Welcome and introduction of Hackathon Greg van Wyk, CEO of Mediclinic Southern Africa	09:00 -09:30	
10:00-10.45	Plenary session: Nursing capacity challenges and the future of Nursing and patient care	09:30-10:00	Review of the Design Thinking process; review and agenda
		10:00-11:00	Low res prototype: Maximum learning with minimum cost
	Prof Portia Jordan, Executive Head of Department of Nursing & Midwifery, Stellenbosch University	11:00-12:00	Build multiple MVPs to test our top 3-5 solutions to the POV
10:45-11:15	Meet and greet of team members (Cinema Foyer) Hackathon starts.	12:00-13:00	Test & IterateTest & Iterate with external experts Interviews with external experts & users to test our prototypes
BUILDING SOLUTIONS			Business model generation overview Determining the KPIs, revenue, costs & budget for the solution
11:15-12:15	Empathy building: Understanding the real user problem (VV – Hall) Internal team interviews to deeply understand the underlying pain point		Team Lunch (VV – Hall) Sharing of problems and opportunities in the implementation of the solution
		13:00-15:30	Pitch deck formation Teams fill in 5 slides and define their problem story
		15:30-16:30	Pitch perfect: the art of delivering a great message Public speaking advice for maximum impact
			H & CELEBRATE
DAY 1 - SOL	VE & TEST	(2 JUNE 2022	e) 8:00 AM - 7:00 PM





(1 JUN	F 2022)	8-30 AM	- 6:30 PM

12:15-12:45 Lunch (VV - Hall)

Facilitated by Launch Lab -Sharing of personal stories about the user problem

13:00-13:30 Empathy building round 2:

Deepening our learnings(VV -

Hall)

Team brainstorm to define the customer problem and organisational 'Why'

TESTING AND IMPROVING IDEAS

13:30-15:00 Define: Generating user

POVs to define our design

challenge

15:00-16:00 Turn our customer problem

into human-centred Point of

View statements

16:00-17:00 Ideating creative solutions:

Going broad to build a bigger solution set

Team brainstorm to offer 15+ possible solutions to the POV

Solving our design challenge: Prioritising solutions for rapid testing Team workshop to select the top 3-5 solutions to prototype

and test

17:00 -17:30 Keynote: Innovation and

Hackathons - keeping the end

in sight (Cinema)

Prof Anton Basson, Chairman of the Department, Head of the Design and Mechatronics Division, Stellenbosch

University

Joshua Romisher, CEO of

Launch Lab

17:30-18:30 Hackathon teams feedback

ideas to the Hackathon mentors (VV – Hall)

18:30-19:30 Dinner (VV – Hall)

PITCH AND CELEBRATE (CINEMA)

16:30-18:30 Pitching the solutions (Cinema)

The teams pitch their final ideas and prototypes to a panel of judges. Each team will have 5-10 min to present their

final pitch.

18:30-19:00 Winner Announcement Award

Ceremony (Cinema)

The 2022 MCSA Hackathon winner is

announced.

18:45-19:00 Closing programme (Cinema)

Alessio Marchesi, Group GM

Innovation, Mediclinic

19:00-21:00 Open networking dinner (Cinema

Foyer)

*Transportation will be provided to the

accommodation





SPEAKERS, EXPERTS AND ADVISORS

During the two days, the following speakers and experts in your journey of ideation and inspiration will accompany you:

SPEAKERS



Prof Portia Jordan, Executive Head of Department of Nursing and Midwifery, Stellenbosch University

Portia Jordan, is an Associate Professor, and Executive Head of Department of Nursing and Midwifery, Stellenbosch University, South Africa. She holds a PhD in Nursing, Masters of Business Administration, and Masters Curations in Critical Care Nursing (cum laude), Baccalaureus Curation is, Diploma in Nursing Education (cum laude) and Diploma in Nephrology Nursing.

She is scholar, National Research Foundation (NRF) Thutuka research grant holder and PLUME research fellow. She is the co-editor of the book, Foundation of Nursing Practice: Fundamentals of Holistic Care, of which she has written three chapters in the two editions of the book. Nationally, Portia is an executive board member of the Forum for University Deans in South Africa (FUNDISA), member of the Academy of Nursing of South Africa (ANSA), and member of the Critical Care Society of Southern Africa. Internationally, she is an executive board member for Tau Lamda Chapter for Sigma Teta Tua International Honor Nursing Society (STTI), and executive board member of the Research and Advisory Council at STTI. Furthermore she is part of the International Network of Universities, a global initiative that focus on patient safety and quality of care.



Prof Anton Basson, Chairman of the Department, Head of the Design and Mechatronics Division, Stellenbosch University

Anton Basson obtained his Hons BEngand MEng in Mechanical (Aeronautical) Engineering from Stellenbosch University in 1981 and 1987, respectively. He obtained a PhD in Aerospace Engineering at Penn State University in 1992. He was registered as professional engineer in 1987. Since 1997, he has held an appointment as Professor in Mechanical Engineering at Stellenbosch University.

He served terms as chair of the Department of Mechanical and Mechatronic Engineering and as Vice-Dean: Teaching and Quality Assurance of the Engineering Faculty at Stellenbosch University. . He has supervisor or co-supervised 13 PhDs and 39 master's graduates. He is co-leader of the Mechatronics, Automation and Design Research Group in the Department of Mechanical and Mechatronic Engineering, where he co-supervises 2 PhD and 11 master's students.

Outside of work, he mountain-bikes, plays bass-guitar in the NG Moederkerk's church band and likes to play with his grandchildren.







Josh Romisher CEO Launch Lab

Joshua Romisher, CFA, is a serial entrepreneur with a diverse portfolio of ventures, including a boutique investment bank in New York, solar irrigation start-up in India, frozen yogurt franchise in San Francisco and solar home business across Sub-Saharan Africa.

His mission is to create impact at scale with a specific focus on climate. He is driven by the opportunity to provide hard working people across the globe with the platform to put their skills to work in affecting positive social change.



Dirk WagenerGeneral Manager:
People Productivity &
Health

Dirk is interested in software engineering, and the entrepreneurial / commercial side of building new business. Using technology to improve lives is something that he is passionate about, and he gets the opportunity to make a positive contribution through some of the revolutionary healthcare innovations we are currently developing for local and global clients.

He started his career as an electronic engineer with a strong focus on tech development but gravitated towards business and eventually became the CEO of Stone Three Healthcare (S3HC). After 2 years in that position, he merged S3HC into the bigger Stone Three group, where he is now the GM of Industrial Health & Safety.

Outside of work, he is a keen surfer, fisherman and nature lover -which are all passions he shares with his 3 young boys.



Mark Silberbauer Product Manager Stone Three Digital

As an engineer with a passion for exciting, impactful technologies, Mark built up a strong background in software development and then moved on to a decade of management experience assisted by an MBA. He has specific experience in innovation and entrepreneurial endeavours having founded and run an online business.

Mark's out-of-work interests include surfing, surviving parenthood and more surfing.





EXPERTS AND ADVISORS



Pelayo Omotoso Strategy Lead Accenture

Pelayo has a PhD in Strategic Management, an MBA and MSc in Engineering. He has over 15 years of experience in strategy, innovation and new business development functions across Africa and internationally. Pelayo also lectures Innovation Management at Wits Business School (WBS), a premiere African Business School.

Areas of expertise: Corporate and business strategy, Go-to-Market and financial business case modelling, Digital Transformation, Digital product strategy & development, Customer value mapping and Innovation and change champion



Manus King CEO Medical Innovations

Manus King is the current CEO of Medical Innovations since April 2019. He is a strategic business professional with fifteen years of experience in developing and managing high performance teams, and business unit management experience within the medical device and manufacturing industry. His experience combines medical device industry knowledge with experience in sourcing competitive market related products, high impact product launches, distribution, and sales strategies. He has experience at crafting high-impact systems and processes within the medical device and manufacturing regulatory environment.



Alessio Marchesi, Group Innovation General Manager Mediclinic International

Alessio is a strategy, design, innovation, and business modelling professional with more than 15 years of advising multinationals, private companies and non-profits on developing innovation hubs, design centres, rethinking business models, and developing human-centred products, services and customer experiences.

Over the course of his career, he has gained considerable insights and experience in what it means to successfully nurture, manage and steer innovation and its processes towards the collaborative development of customer-centred and innovative business solutions.





Sara Alom Ruiz Divisional General Manager Digital Transformation and Innovation Mediclinic International

Sara Alom Ruiz is a Divisional General Manager for Digital Transformation and Innovation at Mediclinic. She brings over 17 years of healthcare experience and has served in multiple senior executive roles in leading private healthcare providers, with a focus on operations, strategy, commercial growth, business and clinical performance.

Sara earned an MBA from Duke University, USA and a PhD in Cardiovascular Medicine from King's College London University, UK. She is a Fellow of the American College of Healthcare Executives. In her spare time she enjoys spending time with her twin daughters, travelling and flamenco.



Corné Heyns Chief Strategy Officer Mediclinic Southern Africa

Corné Heyns joined the Mediclinic group in 2004 as the manager responsible for new business opportunities for Mediclinic Southern Africa. His role later expanded to include support for international business opportunities, related corporate finance activities and investor relations for the group. In 2014 he was appointed as the manager of business performance for Mediclinic Southern Africa; and subsequently as the Chief Strategy Officer and member of the Executive Committee of Mediclinic Southern Africa in 2017.

Qualifications: He holds an Honours degree in Accounting (B.Acc. (Hons)), from the University of Stellenbosch and is a qualified Chartered Accountant with the South African Institute of Chartered Accountants.



Dr Biren ValodiaChief Marketing
Officer
Mediclinic Southern
Africa

Dr Biren Valodia has held various managerial positions in the healthcare industry since 1999. He joined Mediclinic Southern Africa in 2006 as Chief Marketing Officer. He has experience representing Mediclinic Southern Africa on a number of boards, Mediclinic Southern Africa (Pty) Ltd, Hospital Association of South Africa (HASA), Public Health Enhancement Fund (PHEF) and Intercare Group Hospital Holdings (Pty) Ltd as well as on the Council of the University of the Western Cape (UWC).

Qualifications: Biren holds a Bachelor degree in Pharmacy (B. Pharm) from the University of the Western Cape, an Honours degree in Business Administration (B.B&A (Hons)) and a Master's Degree in Business Administration (MBA), from the University of Stellenbosch as well as a Doctorate in Business Administration (DBA) from SMC University. He also completed an Executive Development Programme (EDP) through the University of Manchester. In addition, Biren holds an Integral Coach certification from the University of Cape Town Graduate School of Business (GSB-UCT) and is an admitted Chartered Director CD(SA) at the Institute of Directors of South Africa (IoDSA)







Josh Romisher CEO Launch Lab

Joshua Romisher, CFA, is a serial entrepreneur with a diverse portfolio of ventures, including a boutique investment bank in New York, solar irrigation start-up in India, frozen yogurt franchise in San Francisco and solar home business across Sub-Saharan Africa

His mission is to create impact at scale with a specific focus on climate. He is driven by the opportunity to provide hard working people across the globe with the platform to put their skills to work in affecting positive social change.



Raymond Plotz Chief Information Officer Mediclinic Southern Africa

Raymond was appointed as the Chief Information Officer for Mediclinic Southern Africa in 2011. Raymond has thirty-six years of experience in ICT within the mining and healthcare sectors, including systems design and development, enterprise architecture and information management. His hobbies include electronics and metal and wood fabrication.

Qualifications: Raymond holds a Certificate in Information Systems Management from UCT Graduate School of Business and is a graduate of the Senior Management Development Program from Executive Business School, University of Stellenbosch.



Mark Silberbauer Product Manager Stone Three Digital

As an engineer with a passion for exciting, impactful technologies, Mark built up a strong background in software development and then moved on to a decade of management experience assisted by an MBA. He has specific experience in innovation and entrepreneurial endeavours having founded and run an online business.

Mark's out-of-work interests include surfing, surviving parenthood and more surfing.







Johan Nel General Manager: Business Performance Mediclinic Southern Africa

Johan joined Mediclinic Southern Africa in 2017 as Business Performance General Manager. His role is inter alia focused on the creation and optimization of efficient operational processes, the successful delivery of improvement initiatives and the associated optimisation of the company's income statement. Johan has expertise across various industries including food manufacturing and financial services industry.

Qualifications: Johan holds a B.Com and B.Com Honours degree in Industrial Psychology from the University of the Free State. He also obtained a MBA from his alma mater. He has M.Sc. in Strategic Planning through the Business School of Edinburgh in Scotland. Johan is currently in the process of completing a Masters in Health Administration from Wichita State University in the United States

Outside of work, he is a single handicap golfer and has twice been invited to consider availability for representation of South Africa at the Senior World Championship of Tennis.



Dirk WagenerGeneral Manager:
People Productivity &
Health

Dirk is interested in software engineering, and the entrepreneurial / commercial side of building new business. Using technology to improve lives is something that he is passionate about, and he gets the opportunity to make a positive contribution through some of the revolutionary healthcare innovations we are currently developing for local and global clients.

He started his career as an electronic engineer with a strong focus on tech development but gravitated towards business and eventually became the CEO of Stone Three Healthcare (S3HC). After 2 years in that position, he merged S3HC into the bigger Stone Three group, where he is now the GM of Industrial Health & Safety.

Outside of work, he is a keen surfer, fisherman and nature lover -which are all passions he shares with his 3 young boys.





Mokete Litelu Group Manager: Procurement Mediclinic Group Services

Mokete Litelu joined the Mediclinic Group in 1998 as the first trainee clinical engineer student. After completing the compulsory training, he was appointed as a Clinical Technician at Mediclinic Bloemfontein. After a year he resigned and joined a private company. Two years later he returned to Mediclinic. He worked as a clinical technician for several Mediclinic hospitals and trained several clinical technicians in the medical field.

Mokete was later appointed as a Technical Manager for Mediclinic Kloof and then Mediclinic Bloemfontein.

In 2008 his career path advanced further and he was appointed as the Procurement Manager for Mediclinic Southern Africa. Since 2013 Mokete has held the position of Group Procurement Manager for Mediclinic Group Services. His responsibilities include driving synergies and savings across the business divisions in Southern Africa, the Middle East, and Switzerland for Capex and ICT hardware.



Dr Ann Van Zyl Education & Training Manager Mediclinic Southern Africa

Dr Ann van Zyl qualified as a Registered Nurse (cum laude) at the University of Stellenbosch in 1989. She specialised in perioperative nursing care and obtained the Diploma in Operating Room Nursing in 1994. In 1997 she took up the role of LDF in the operating room department before moving to the Mediclinic Learning Centre in Bellville, in 2001, as a theatre educator. She obtained her Postgraduate Diploma in Nursing Education (cum laude) in 2002 and a year later the Postgraduate Diploma in Nursing Administration (cum laude) through the University of Stellenbosch.

In 2014 she graduated with a Master's Degree in Higher Education and Training at the University of Stellenbosch and in March 2019 was awarded a Doctorate in Higher Education and Training at the same university. Ann worked in the following roles in Mediclinic since joining the Higher Education and Training team: Training Manager, Nursing Training Manager, Higher Education and Training Manager and is currently the Acting Training and Development General Manager at Mediclinic Southern Africa.

Personal Interests: Gardening, needlework (tapestry), and offroad traveling. She also likes reading.





JURY AND JUDGING CRITERIA

To rank the final pitches at the Hackathon, we a system from 1 (very poor) to 6 (excellent) to rate each of the above-weighted criteria.

30% CUSTOMER VALIDATION

Real-world feedback from people and or data about prospect clients considered.

1 = no validation at all

6 = excellent validation presented

30% BUSINESS MODEL

Elements of a consistent and well-thought-out business model canvas considered.

1 = no BMC elements elaborated

6 = compelte and consistent MBC

30% IMPLEMENTATION FEASIBILITY

How easy or complex is the implementation proposed.

1 = very complex and costly

6 = low complexity and easy to pilot

10% PRESENTATION AND TEAM

Performance of the people as a team, convincing pitch.

1 = low energy level / lame pitch

6 = high performance team / excellent pitch





THE JURY



Greg van WykChief Executive Officer
Mediclinic Southern
Africa

Greg van Wyk is a law graduate from the University of Johannesburg (formerly RAU), and also holds a Diploma in Education from Edgewood College (formerly Bechet College) in Durban. Greg is the Chief Executive Officer at Mediclinic Southern Africa (MCSA) having joined the organisation in 2013 in an HR leadership role.

Greg has a well-established track record in the corporate environment with a career spanning roles in Legal Advisory services, Sales and Marketing, Banking, Consulting and HR. He spent 10 years with the vehicle manufacturer, BMW and this included a stint at the multinational company's head office in Munich, Germany. The bulk of his career at BMW was as Group Human Resources Director serving on the BMW (SA) Board. Greg has also served on the Boards of several NGO and charity organisations.



Dr Tyson WelzelGroup Chief Innovation
Officer
Mediclinic Group Services

Before joining the Group, Dr Welzel fulfilled clinical and academic roles acquiring extensive experience in private and public healthcare. He is also a founder of the CoE in Emergency Medicine in Bern. In 2016, he joined Mediclinic, taking responsibility for clinical governance and health technology assessments, before being appointed as Group General Manager: Innovation in 2019. He subsequently joined the Group Executive Committee in October 2020 as Group Chief Innovation Officer.

On the rare occasion when there is spare time, Tyson is an avid photographer, both SLR and drone-based and enjoys a good hike.



Dr Gerrit de Villiers Chief Clinical Officer Mediclinic Southern Africa

Qualified as a medical doctor at the University of Stellenbosch in 1991. He spent two years in the UK and then specialised as a Paediatrician at the University of Stellenbosch qualifying in Dec 1999. From 2000 –mid 2015, he worked as a Paediatrician in private practice in Cape Town before joining Mediclinic in June 2015. He worked in the following roles in Mediclinic since then: Hospital Clinical Manager at Mediclinic Panorama, then Group Manager Clinical Performance at Mediclinic International and Chief Clinical Officer since January 2021. In 2016 he completed a Postgraduate Diploma in Business Management & Administration (Cum Laude) at Stellenbosch University Business School.

He likes to spend time with his family and enjoys hiking, travelling and mountain biking. He also likes reading and staying up to date with current affairs.







Wimpie Aucamp Chief Operating Officer Mediclinic Southern Africa

Wimpie Aucamp joined the Mediclinic Group in 1995 as Human Resources Manager, then moved into a position as Hospital General Manager at Mediclinic Sandton in 2000. He was then appointed as head of operations of the Northern Region in 2003 and as Chief Operating Officer of Mediclinic Southern Africa in 2008.

Wimpie is married and has 3 sons. Apart from spending time with his family, an important anchor in his life, Wimpie enjoys travelling, running and playing golf socially.



Monyebodi Hendrica Ngoepe Nursing Executive Mediclinic Southern Africa

Monyebodi Hendrica Ngoepe completed her 4-year Nursing Diploma at the Lebone College of Nursing in 1990. She subsequently completed a Diploma in Operating Theatre Nursing Science in 1993, a BCUR Degree in 1997 and Honours in Health Care Studies in 2010 at UNISA. In January 2022 she was promoted to the Mediclinic Southern Africa Nursing Executive.

Hendrica is married with 1 son. Apart from spending time with her family, an important anchor in her life, Monyebodi enjoys watching movies, reading and travelling.



Tharina Gombault Health Account Lead Accenture

Tharina is a strategist, change driver and people developer. She has worked with clients in multiple industries during her 17 years at

Accenture, including hospital networks, medical schemes and medical scheme administrators. She has developed new product offerings for Accenture and has helped clients scale their new offerings.

Tharina holds a postgraduate degree in Industrial Engineering from the University of Pretoria, a Postgraduate Diploma in Healthcare Technology Management from the University of Cape Town, a certificate in Disruptive Innovation from Harvard and a certificate in Leading with Analytics from North Western University.





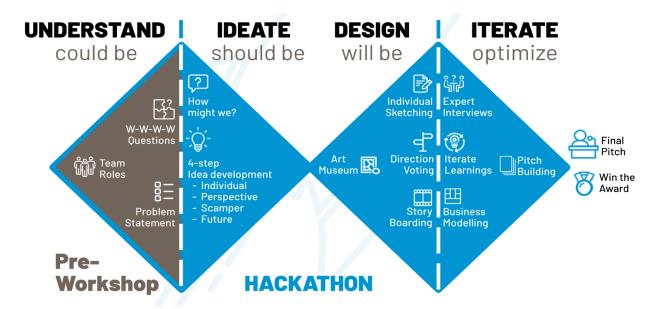
THE CHALLENGE: MEDICLINIC SOUTHERN AFRICA

How might we create optimal nursing capacity to improve patient care?

IDEA TO CONCEPT

Interaction with experts and advisors.

The group of people called experts and advisors are here to help you with whatever you need to know, to best do your job. Might it be to better understand the challenge, to cover legal aspects of your idea, if you have questions about how to build a business model or if you are looking for tips on how to pitch.







ALL YOU NEED TO KNOW

Dress code

Smart casual, we are in the autumn season, and temperatures are cooler early morning and at night.

What to bring along:

- Laptop
- A can-do attitude!

Speakers

• Presentation slides and the device you will be presenting from

Parking

All participants are welcome to use the parking underneath the Jan Mouton Building (entrance on De Beer Street).

- Take a ticket to open the boom and hand it in at registration in order to get a code in return.
- There will be venue staff to direct you from the parking to the venues each morning and before the closing & award ceremony
- Guests will receive a code to open the boom when leaving

Bus pick-up and drop off points

Pick-up and drop off Point: The Neelsie Student Centre entrance closest to the Neelsie Cinema

COVID-19 protocols

- All guests have to complete the COVID screening before entering the venue via your Connect App
- Please wear a face mask over your mouth and nose, except when eating and drinking
- Sanitise your hands frequently

Registration

- Guest will receive a name tag on arrival
- Each team will receive a colour buff to differentiate the teams

Working throughout the night

- The VV Hall will be open for participants to work throughout the night.
- Feel free to help yourself to some coffee and snacks





ADDRESSES AND CONTACTS

WIFI

There will be WiFi available at the venue SSID: Hackerthon2022 P: Hack@St3lli3s



ADDRESS OF THE HACKATHON

VV Hall and Cinema Stellenbosch University Location Pin



ADDRESS OF THE HOTEL

Devon Valley Hotel

Devon Valley Rd Devonvallei, Stellenbosch, 7600

P: 021 865 2012



Spier Hotel

R310 Baden Powell Dr, Stellenbosch, 7603 P: 021 809 1100





CONTACTS

FOR HACKATHON QUESTIONS

Sara Alom Ruiz

E: Sara.alom@mediclinic.com

CONTACT FOR ACCOMMODATION AND TRAVEL

Marsha Zandberg

M: +27 82 445 5950

E: Marsha.zandberg@mediclinic.co.za

VENUE RELATED ENQUIRIES:

Ulrike Vorndran

M: 084 951 8267

GENERAL ENQUIRIES:

E: hackathon@mediclinic.co.za

EVEN MORE INFORMATION

Please reply to our survey about the actual 2 days while your memory is fresh. As quickly as possible.



Visit this link or scan the QR code

https://mediclinic.link/hackathon2022

