

Presents



Revolutionizing the Delivery of Healthcare in Africa through Innovations

(Jo Watch, JoCare Learn Board, Games, Online Shop,..) https://jocare.rw/





STORY How it Started







Problem A

Did you Know!

In Rwanda, NCDs account for 44% of all deaths

999

GSJ: Volume 11, Issue 6, June 2023 ISSN 2320-9186



Global Scientific JOURNALS

GSJ: Volume 11, Issue 6, June 2023, Online: ISSN 2320-9186 www.globalscientificjournal.com

Prevalence and Risk Factors of Diabetic Ketoacidosis and Hyperglycemic Hyperosmolar State in Patients with Diabetes Mellitus at Kigali University Teaching **Hospital Rwanda**

Authors: Raphael Mbonukuri¹, Esther Nishimwe¹, Jerome Nshimiyimana¹, Abenezel Niyomurengezi¹, Tuyizere Aloys^{1,2},

Leopold Bitunguhari^{1,2}

Affiliations: 1: University of Rwanda College of Medicine and Health Sciences, 2: Kigali University Teaching Hospital Rwanda

Abstract

Diabetes mellitus is a heterogeneous metabolic disorder characterized by chronic hyperglycemia resulting from impaired insulin secretion, insulin action, or both. Diabetic emergencies, such as Diabetic Ketoacidosis (DKA) and Hyperglycemic Hyperosmolar State (HHS), are significant reasons for diabetic patients to seek emergency care. This study aims to retrospectively examine the prevalence of DKA and HHS in Rwanda, along with associated risk factors and treatment outcomes. During the study conducted at the University Teaching Hospital of Kigali (CHUK) from 2020 to 2021, 217 patients with either type 1 or type 2 diabetes were admitted, with 60% being females. Out of these patients, 68.7% were cured, 29.5% died, and the remaining 1.8% were either counter-referred or transferred. HHS was associated with higher mortality compared to DKA. The prevalence of DKA was found to be 36.4%, with an age range of 7 to 92 years and a mean age of 42.78 ± 20.07 years. The prevalence of HHS was 8.3%, with an age range of 2 to 78 years and a mean age of 42.89 ± 22.88 years. Significant risk factors for DKA development included

The prevalence of DKA 36.4%s. HHS 8.3% (2020-2021)

with inclusion



Lack of information

Lack of Health services with Inclusion

JoCare is The Solution With Inclusion







JoWtch, JoCare Learn Board (Courses, Book, Blog, Audio, Video) with Inclusion

Games (JoCare Puzzle, Playing Cards..)

Other Services: Using Our web App And Mobile App

- JoCare Online Shop(Products..)
- Online Counseling
- Talk to us(Online Support,Forum)
- NCDs & Sexual Reproductive Health Services Locations
- Girls calculators







How JoCare Web App Look Like!



	JoCare	
	Jsername or Email Address	
	njerome05@gmail.com	
P	Password	
5	Remember Me	
	Log In	
	Register Lost your password?	
	← Go to JoCare	

V 1000 LIFE . 000 PAICAITY		
e hat	☆☆☆☆ 0 (0)	
	Adolescents Sexual Reproducti	
	ASRH)	IO ALL
	Course level: All Levels	Share: f 🌶 in t
	Categories	Last Update
	Council Departed wathing headth	December 12, 2021
Free	Sexual Reproductive health	December 12, 2021
Free Material Includes		Jecenitien 12, 2021
	What Will I Learn?	
Material Includes	What Will I Learn?	
Material Includes	What Will I Learn?	
Material Includes Laptop or Smart Phone	What Will I Learn?	4 Lessons

JoCare YOUR LIFE , OUR PRIORITY



Add to ca

Wow



ni ukuvuga ngo ibindo mwakenera kumenya bijyanye no kuboneza urubyaro mwasura imbuga zacu za JoCare

Games JoCare Shop Blog ~ JoCare TV Forums ~ Profile Log Out Q

Add to caft



Market Opportunity





- 78% at Risk of NCDs & Unintended **Pregnancies**
- 20.4%(14-24 Years Olds) (EICV5 2016/17;2012 Census;UNFPA Rwanda)
- 5% Live with Disability



79.8% Phone users 14.6% Smart Phone users (Min ICT 2020-2021)





>3M

People at Risk of NCDs People who have NCDs HVP Schools High Schools Primary Schools

Parents/Families



ADOLESCENTS



JoCare YOUR LIFE , OUR PRIORITY



Our Servives, Products, in their hands

Schools, Parents, Adolescents Unity Cost: 1.5\$ || Price: 2\$



Playing Card



Schools, Parents, Adolescents Unity Cost:8\$ || Price:10\$



Business Revenue Model B2B, B2C

Our New Product







Direct Competitors

- Tantine
- Urukundo initiative

Indirect Competitors

Other Health Related Web App









All in one with inclusion

Health)games,



Online Shop About NCDs Products & Sexual and Reproductive products and Hygiene

Partners





- **Affordable**; Accessible; Easy usability & Friendly **Educative tools like**
- **Online NCDs& SRH(Sexual Reproductive**
- Girls calculators, etc..



Competent team with Experience and Strong

Our Partners









HEALTHTECH HUB



iBS RWANDA :

.

ICT Innovation Center

.











Tractions & Achievements!



-Top 10 winner Scale up (HEALTHTECH HUB AFRICA) -Hanga PitchFest'22 top 25 -iAccelerator Phase 4 Winner(\$10000) -Kumwe Hub Grant Winner \$1000 -1st Project at UR-CMHS 2021

we represented UR College of Medicine in ATU Challenge 2021 500+ Users 3000+ Trained abouT NCDs & SRH



Registered to RDB under Jo Grp Ltd



B Passed in different Incubation Centers

3000+ Video Contents Viewers/m 200+ Cards Clients Calendar, Book, Puzzle Paper 10000+ Yuoutube Subs. 1000+ Social Media Followers

Financials (Investments and Sales, Profit Projections)

- The cost of the Project 80000USD
- The investment is done by owner by 2000USD and
- Partners with 50000 USD

INVESTMENT SCHEDULE FRW

ITEM	EXISTING	ADDITIONAL	TOTAL	Service
	VALUE	COST	COST	Service
OFFICE RENT	1440000		1440000	
SALARIES AND WAGES	4416000		4416000	
FURNITURE AND FIXTURE	400000		400000	
OTHER FIXED ASSETS	6420000	700000	13420000	JoCare
CASH ON HAND	1000000		1000000	game
ADVERTISING AND PROMOTIONS	2400000	1000000	3400000	
OTHER INITIAL STARTUP COSTS	495000	2000000	2495000	
TOTAL PROJECT COST	16571000	1000000	26571000	Playin
FINANCED BY:				Calen
				+Book
EQUITY CAPITAL	16571000			Videos
FUNDS		1000000	1000000	Total
BANK LOAN	0	0	0	
TOTAL FINANCE	16571000	1000000	26571000	Profit

SALES FORECAST

Service	Unit Cost /Frw	Unit Price /Frw	Qty per month	Working months in a year	Sales Per Year(Cost) /Frw	Sales Per Year(Price) /Frw
JoCare Puzzle	20000	25000	30	12	7,200,000	9.000,000
game	1500	2000	200	12	3,600,000	4,800,000
Playing Cards	1500	2000	200	12	3,600,000	4,800,000
Calender +Book	8000	10000	70	12	6,720,000	8,400,000
Videos				12		1,200,200
Total					21,120,000	28,000,000
Profit or Loss						6,880,000



JoCare needs

- Receiving \$250000
- mentorship from experts
- networking with others innovators
- meet with investors





Reason to Believe (Sustainability)

- 2 Years of Working Experience WSHK Alumni in IDEATE RWANDA
 - Program
- Business Trainings Received From (Dot.Rwanda, BPN, INKOMOKO, other
- We are attracting and keeping new Clients
- We are attracting and Keeping new **Partners**

COMMUNITY IMPACT



- 6Teachers Trained (ToT) at HUYE
- 100+ Medical Strudent Trained(ToT) **From UR**
- Adlolescent Talent Promotion **Tested 2020**
- Attended different Exhibition & **YOUTH CONNECKT SUMMIT 2022**





Recently Done

- 27-28/5/2022(MHM)(Kgl & Huye)
- 4-23/7/2022 (Scora Exchange) (Kgl,Huye,Kayonza,Musanze)
- 60 People From Sweden, Brazil, France, Greece, Spain, Poland)
- To train Teachers(ToT) Particullary in **HVP** Donate Pads and our Products to
- adolescents students with disabilities and poor ones.
- Do Outreaches to different schools(Prim. & Sec.)&Youth centers

JoCare YOUR LIFE , OUR PRIORITY



• 25/5/2022 UR Exhibition

- Media Tours teaching SRH and Our **Products**
- Talent Promotion especially those with **Disabilities**(Competition..)

Future Roadmap(Scaling)

З

2023:-Leading Health Tech **Center Providing NCDs** informations with inclusion -Regional & World Wide Implementation

With Inclusion

2022:

ຂ

- Decentlarization Local (USSD,Hotline)
- Strengthen our Web & APP
- GAMIFICATIONS;



2024- Internet of Things & AI in ncdS education Made



2020-2021:

- Website & Mobile app
- attracted & kept Parteners
- attracted &kept clients
- Sustained & Scaling



Advisors



Judith Li

WF Global WF Global Programme Manager

Blaise Dusi

Ida Huiskonen

Manager

WSHK Program Manager Community



UZAYISENGA Venant, M.Cs Founder/ *M.D,* 8 + Year of Experience in ITIndustry



MC/>4yoe



Public

Relations

/>3yoe



Sign Language interpreter />2yoe







Dr.Jerome NSHIMIYIMANA CEO & Founder(Medical Doctor)

Dr.Diane ISHIMWE NZANANA

General Secretary(Medical Doctor)

Claude NIYIBIZI HIRWA IT Manager / FulStack Developer



Gamer />3yoe



Social Media **/>1yoe**



Graphic

designer

/>2yoe



Video **Producer />4yoe**



Contact Us

+250784579143F f in 0 Jocare

mail: info@jocare.rw

https://jocare.rw/









DISABILITY IS NOT INABILITY NO EXCEPTIONS, NO EXCLUSIONS



Summary







APPENDIX

RDB RWANDA DEVELOPMENT BOARD ORG Office of the Registrar General Date of issuance: 12/05/2020 Company Code: 111425078 CERTIFICATE OF DOMESTIC COMPANY REGISTRATION (Article 24 of the Law N° 17/2018 of 13/04/2018 governing Companies) 12/05/2020 Reaistration date: JO GRP Ltd Company Name: Category: Private Type: Limited by shares Registered Office Address: Address: Kimisagara, Nyarugenge, Umujyi wa Kigali, RWANDA +250784579143 Phone number : njerome876@gmail.com Email: Management details: Chief Executive Officer : Group 🔹 JoCare 💓 Jo ♀ Maps 😥 Jo Whatsapp 🧧 Jo 🈏 Jo Twitter 📢 Jo 📅 Jo 🎵 Cyamunara 🔥 Jo Ads 📼 Al.marketing 🧮 SIHIR jo_grp_ltd jo_grp_ltd 🗄 🕸 😡 🕈 🕈 🇳 🝼 And be able watch all our Episodes of Jo-Gospel Talent Show (Jo-GTS) S01 Ee01 https://voutu.be/IYJEdd5iC7a Siraelmbonyi SalgaJove Spatientbizimana Siyamuremyesen Sziontemplecc Sziontemplekimironko Sziontemplemuhanga Sziontempleccyouth Saucarwanda Sambastadorsofchristchoir Smfrtimanavumilia Sgisubizoministriezkigali **JO-GOSPEL TALENT SHOW** Omftimanavumilia Ogisubizoministrieskigali Ogisubizo_ministries_kampala @rwandagospel @tracegospel Otracegospelsa Ogospel_louange_241 @eunicenjeri In-GTS Season @mercymasikamuguro @goodluckgozbert @trizahk_music Edited - 78w w to all our Social Media - Fro CATEGORIES DANCING -DRAMA ACTING SINGING Jo Group V Q V . Liked by jerome_n_jo and 10 others Activate \ VEMBER 8, 2020 Go to Sett

 \odot



COLLEGE OF MEDICINE & HEALTH SCIENCES

TO WHOM IT MAY CONCERN.

Date ; 29th July 2021.

RE: RECOMMENDATION LETTER.

I, the undersigned, Mr. Mwendezi Bosco Claude, an Employee of University of Rwanda-College of Medicine and Health sciences strongly recommend JoCare project to represent our Institution in ATU Africa Innovation Youth Challenge 2021.

Jo Grp Ltd/Jocare (www.jocare.rw) Is an innovation project registered under the registration of companies in Rwanda by Rwanda Development Board with limited shares with tin No 111425078. This is a student innovation project seeking to integrate ICT in Health Sector for the benefit of Health Ecosystem and Human Health.

This company/innovation project participated in the competition organized by our institution with other two youth innovative projects and merged as number one to represent our institution. in any future youth innovation challenges.

With the above information, we highly recommend them to represent University of Rwanda College of Medicine and Health Sciences in this ATU innovation Youth challenge 2021.

Any assistance accorded to them in realising fully their project, will be highly appreciated.

I am ready to provide further relevant information whenever needed and for more information, please do not hesitate to contact me on Email claudemwendezi@gmail.com Mobile : Tel +250783145536.

With Best regards.

Mwendezi Bosco Claude Director Career & Employability, University of Rwanda - College of Medicine and Health

Sciences

Emeil: principal.omhs@ur.ac.rw

P.O Box 3286 Kigali, Rwanda

www.ur.ac.rw

		JoCare 7,630 Subscrib	bers	
		Analytics Last 28 days		
		Views	37.5	К 🕜
		Watch time (hours)	6.8	к 🕜
		Subscriber change	+36	4 🧭
ICT INNO	JoCare	Your estimated reven	ue \$107.1	1 -
Relax Google	Tools Gospel Business	VIEW MORE		
Jo Health	Ubuhanga	Latest video perfo	ormance	
7	••• •		Ibintu biranga umuko	bwa
Ci Ci		9:49	cg umugore uri mu mihango nuko akwiye	e kwi
		ΜΤΝ ΜοΜο		N
		lehvura na M	oMoPay	

Studio

0

Isnyura na **MomoPay**.

Kanda *182*8*1* 0 4 8 9 5 1 #

MIN

Jo Grp Ltd

Izina ry'Umucuruzi:

=*161*TxId:6445341992*S*Your payment Now RWF to JO GRP LTD JO GRP LTD has been completed at 202: 19:07:16. Message: . Your new balance RWF. Fee was 0 RWF. Coupon amount was . External Transaction Id: -.*EN#

7:07 PM MTN Rwanda

Nta yandi mafaranga wishyuzwa.



























This certificate is awarded to

JoCare I

In recognition of successfully completing the Ideate Rwanda social entrepreneurship program in partnership with the US Embassy from January 2022 to April 2022 at Westerwelle Startup Haus Kigali

JAMIE DRAGON.

DEPUTY PUBLIC AFFAIRS OFFICER US EMBASSY KIGALI, RWANDA



SARAH RUKUNDO, GENERAL MANAGER WESTERWELLE FOUNDATION, KIGALI

WESTERWELLE











