

Solutions built with you

Rayo: the digital infrastructure for Zymonetics, shaped with the Spice Isle team as co-creators

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A little about me

Public health graduate student, University of Miami

I build health technology for Caribbean communities.

Founder, Rayito de Esperanza

A nonprofit mobile clinic, named after Dr. Luz and my grandmother.

Community-based research

My thesis works with a Dominican batey community to co-design prevention with residents, not for them.

COO, Zymonetics

I work alongside Tesla and the team on Rayo, the platform we are building together.

33

patients seen at our first pilot
clinic, Batey Doña Lila,
Dominican Republic, June
2026

*We changed the tool afterwards
based on what the team told us.*

What success means to me



*To know even one life has breathed
easier because you have lived. This is
to have succeeded.*

From “Success”, the closing line

Ralph Waldo Emerson

1803–1882

American essayist and poet, and the leading voice of Transcendentalism: the belief that people and nature are good at heart, and that each person’s own experience and self-reliance matter more than institutions.

The poem is widely credited to Emerson; its words trace to Bessie Anderson Stanley (1905).

POLL 1 • WORD CLOUD

In one word: how do you feel about new technology at work right now?



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Rayo: Zymonetics' digital infrastructure

One platform under every step of the patient journey



Reach & intake

Patients come in,
consent recorded
once



Risk & funding

Risk and funding
eligibility assessed



Diagnostics

Baseline tests: Spice
Isle's imaging and
lab



Case review

The care team
reviews together



12-week plan

Intensive
stabilisation, tracked



5-year follow-up

No one is lost
between visits

Rayo underneath every step

One patient record across every site · works offline · a view for each role · outcomes data that shows what works · shaped with the people who use it

Spice Isle today



Imaging

X-ray, digital mammography, CT, ultrasound, MRI and ECG, with tele-radiology reporting



Laboratory

Lab tests, with walk-ins welcome



Doctors

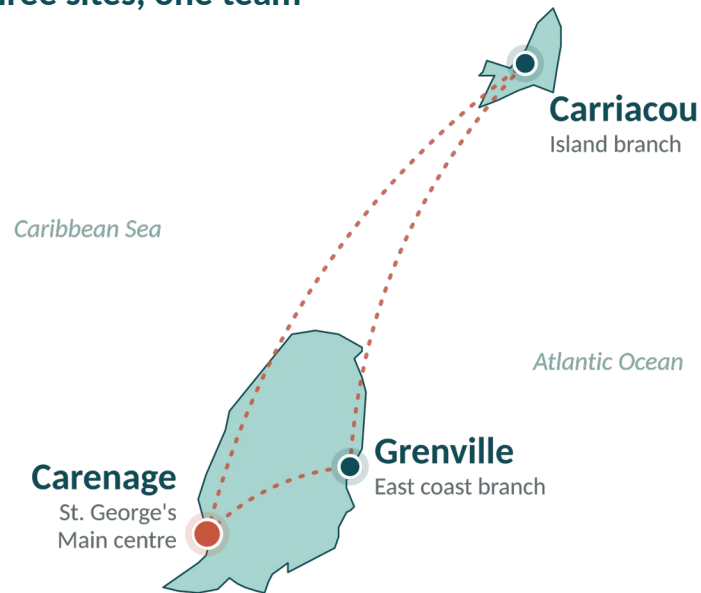
Gynaecology, neurology, general practice and internal medicine; family medicine and paediatrics coming



Nurse station

Blood pressure checks without a doctor's visit

Three sites, one team



Lab and doctors take walk-ins; imaging and gynaecology are booked through PickTime. Ultrasound needs a doctor's referral.

POLL 2 • OPEN ANSWERS

What does Spice Isle already do really well that we must not break?



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Why Rayo changes care in the Caribbean



Works where the internet doesn't

Runs in the clinic and the mobile unit offline, and syncs when the connection comes back.



Data stays home

Records are kept in Grenada under local law. Only agreed impact measures ever leave.



One record across islands

Carenage, Grenville and Carriacou, and five countries, follow the same patient journey.



Built with the people who use it

First used at a clinic in a Dominican batey and changed from the team's feedback. Now shaped with you.





Meet Ray, Rayo's assistant

Scenario 1 • Front desk, Carenage: a referral from Grenville

FRONT DESK • CARENAGE

- See referrals from Grenville and outside doctors before the patient arrives
- PickTime bookings and walk-ins in one list for the day
- Flag a missing referral or consent at check-in, not after

YOUR CALL Is this how referrals reach you today? Tell us in Poll 4.



Ray

Illustrative example

My 10:30 ultrasound was referred from Grenville. Is everything ready?

The Grenville doctor's referral came in yesterday and is attached. She's booked through PickTime for 10:30. Consent isn't signed yet; ask her to sign at check-in.

Ray at work

Scenario 2 • Imaging, Carenage: getting reports back to the doctor

IMAGING TEAM • CARENAGE

- Today's scan list, each with its referral and reason for the scan
- Know when tele-radiology reports are back, and which doctor needs them
- Book the results visit so no patient is left waiting by the phone

YOUR CALL Where do results get stuck today? Tell us in Poll 4.



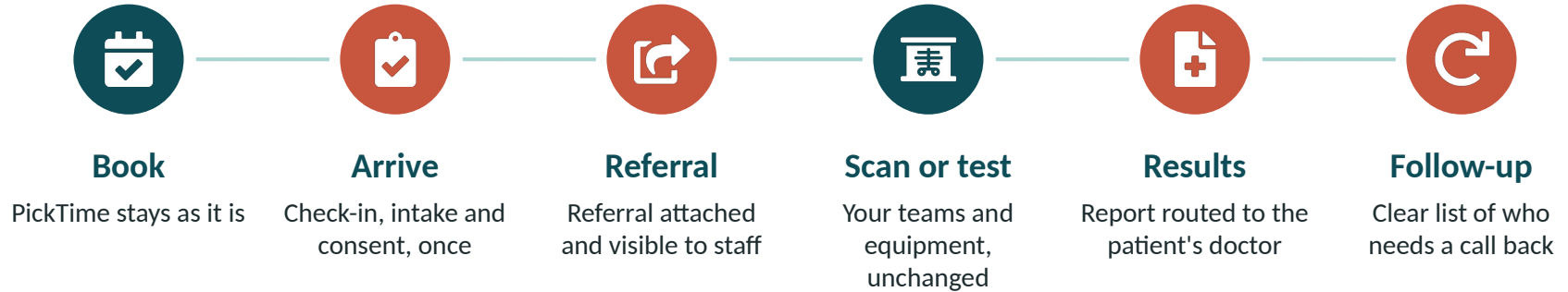
Ray

Illustrative example

Which tele-radiology reports from this week haven't gone back to the referring doctor?

Three: two CT reports read yesterday and one mammogram from Tuesday. Two of those patients still need a results visit booked. Shall I draft the notes for you to check?

How Rayo could fit your patient journey



● Where Rayo could take work off your plate. Everything else stays yours. To confirm with you, not assume.

POLL 3 **Where does your day lose the most time?**

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Questions only you can answer

1

How do referrals reach you today: paper, WhatsApp, phone, email?

2

How do results get back to the patient and their doctor?

3

When a Grenville patient needs an X-ray or ultrasound, what happens?

4

Which systems hold your records and images today?

5

What would make check-in faster on a busy morning?

6

What should we never touch?

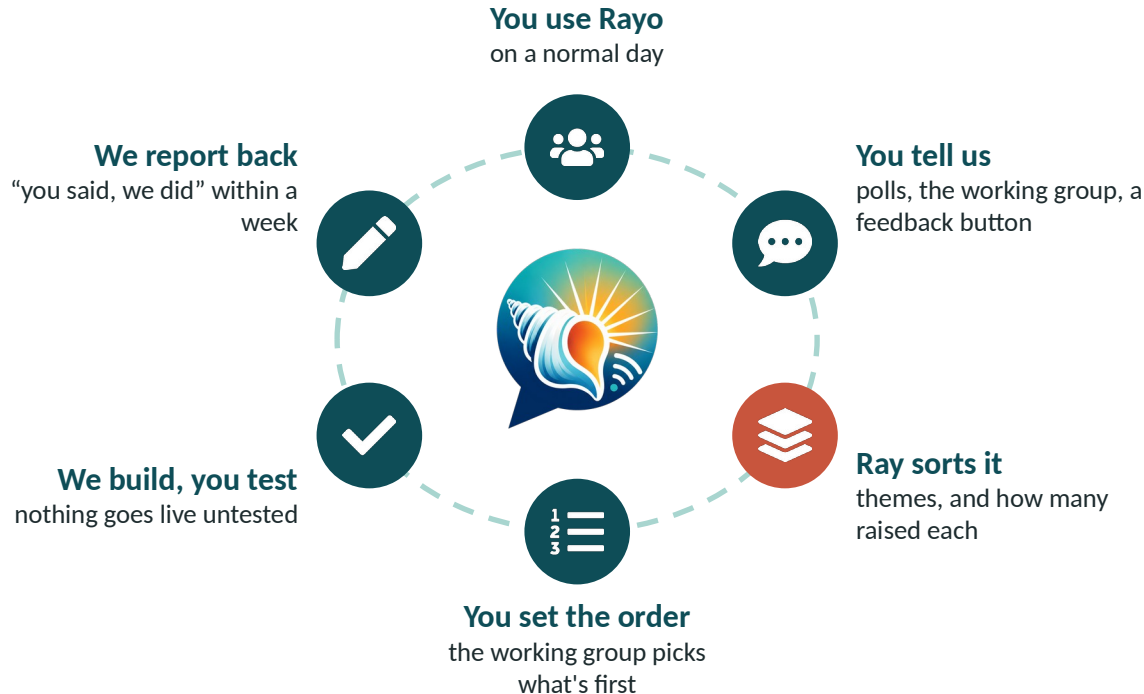


Poll 4: Pick any question and answer it. Start with its number.

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The feedback loop

How co-creation works in practice, and where Ray helps



What Ray does in the loop

- Reads anonymous feedback and poll answers
- Groups them into themes and counts how many raised each
- Suggests which theme to tackle first, and why
- Drafts the "you said, we did" note for us to check

Ray helps us listen faster. You decide what happens.

POLL 5 • ANONYMOUS

What worries you about a new system? Nothing is off limits.



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After today, Ray groups every answer into themes. You get a written reply within a week.

You as co-creators

What stays yours

- Spice Isle owns its clinical records; no real patient data until agreements are signed
- Your systems connect through a summary the patient consents to, not a shared database
- We learn how you work before suggesting anything

How you shape it

- A staff working group tests everything before it goes live
- You decide which problem we solve first
- Nothing goes live on your floor without you testing it first
- Everything raised today gets a written answer within a week

POLL 6 Would you like a say in how Rayo is rolled out at Spice Isle?

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Thank you

We're looking forward to working with you.

POWERED BY



Arismendis (Ari) Altagracia