



PERIOD
COMFORTER(PEC)

INVENKER
TECHNOLOGIES





INNOVATIONS FROM
THE HEART AND MIND

Problems



**Menstrual Pain,
Reproductive
tract infection
pain
,Osteoarthritis
pain and Fibroid
pain**



**Most
devices
treat one
pain at a
time pain**



**Some devices
are not portable
and require to
be connected
directly to a
power source.
. Other devices
are too
expensive**

Solution

The Period Comforter(PEC) is a wearable therapeutic device that helps relieve menstrual pain, Fibroid pain, fibroids, osteoarthritis pain, RTI and Chronic pain.



Solution





Target Market

Target Market 1
Physiotherapy centers



Target Market 2
Individuals with back
pain, neck pain,
headaches, osteoarthritis,
menstrual pain,
abdominal and pelvic
pain.

...

Size the Market



- 3 million people Locally which is worth \$15 000 000.
- Over 60 million people internationally which is worth \$300 000 000.

Business or Revenue Model

Through selling the device and monthly
Subscription

Through servicing of the device



Traction

- We have a provisional patent and a complete patent with PACRA in process.
- Partnership United Nations Development program

COMPETITION

Direct Competitors

Companies that manufacture; heat pads, hot water bags, vibration massagers and Electro Muscle Stimulators

Indirect Competitors

Pain Killers



Competitive Advantages

Advantage 1

This device can be used to treat different kinds of body pain at the same time.

Advantage 2

The device is portable, rechargeable, low cost and light in weight .

Advantage 3

This device can be controlled via WIFI or Bluetooth by a mobile phone(Mobile app), Laptop, and a even remote.



The Team



Retiana Phiri
Biomedical Engineering student,
Founder and Software Engineer and
Penetration Tester



Themba Malunga
Biomedical engineering student
Hardware and fashion designer



Emmanuel Mwape
Biomedical engineering student
Marketing Officer
Entrepreneur



Major Katandula Chansa Physiotherapist
with over 20 years experience, Lecturer at
Evelyn hone college and PEC CO-
Supervisor

Other team members

Electronics experts

Engineer Francis Chikweto Biomedical engineering consultant

FUTURE ROADMAP

- ZAMRA license
- Partnership with Evelyn Hone College and United Nations Population Fund(UNFPA)
- Partnership with the Physiotherapy association of Zambia

Ask



- \$20 000 that would be used to purchase equipment and machinery for mass production
- Network and Partners