Project Design Phase-I

Problem-Solution Fit

Date	01 October 2022
Team ID	PNT2022TMID42265
Project Name	Early Detection Of Chronic Kidney Disease
Maximum Marks	2 Marks

Problem-Solution Fit canvas

Purpose / Vision

Version

1. CUSTOMER SEGMENT(S) CS

Mr.RamKumar...He is an Enterpreneur....

6. CUSTOMER LIMITATIONS eg. budget, devices CL

If you have kidney disease, reducing your potassium, phosphorus, and sodium intake can be an important aspect of managing the disease. The high sodium, high potassium, and high phosphorus foods listed above are likely best limited or avoided.

5. AVAILABLE SOLUTIONS pros & cons AS

The Minuteful Kidney test app and kit allow people to test themselves at home for signs of CKD and receive immediate clinical results.
An alternative to dialysis for people with severely reduced kidney function is a kidney transplant.

Define CS, fit into CL

Explore AS, differentiate

2. PROBLEMS / PAINS • its frequency PR

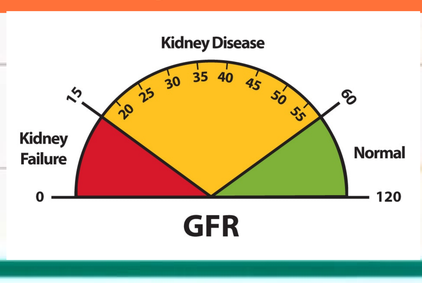
In the early stages of chronic kidney disease, you may have few signs or symptoms. Chronic kidney disease may not become apparent until your kidney function is significantly impaired

9. PROBLEM ROOT / CAUSE RC

Potential complications include: Fluid retention, which could lead to swelling in your arms and legs, high blood pressure, or fluid in your lungs (pulmonary edema) A sudden rise in potassium levels in your blood (hyperkalemia), which could impair your heart's function and can be life-threatening. Anemia.

7. BEHAVIOR • its intensity BE

GFR of 60 or higher is in the normal range. A GFR below 60 may mean kidney disease. A GFR of 15 or lower may mean kidney failure.



Focus on PR, tap into BE, understand RC

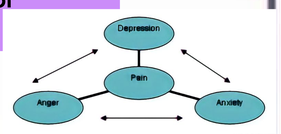
Focus on PR, tap into BE, understand RC

3. TRIGGERS TO ACT TR

Three types of stimuli can activate pain receptors in peripheral tissues: mechanical (pressure, pinch), heat, and chemical. Mechanical and heat stimuli are usually brief, whereas chemical stimuli are usually long lasting

4. EMOTIONS before / after EM

Individuals who experience chronic pain may find themselves feeling depressed or anxious.



10. YOUR SOLUTION SL

By Using an app, Early detection of CKD should be beneficial because it enables clinicians to initiate effective treatment of mild disease, preventing loss of kidney function and delaying or avoiding progression to kidney failure.

8. CHANNELS of BEHAVIOR CH

ONLINE

The goal of CKD detectoe is to change the way you think about the pain so that your body and mind respond better when you have episodes of pain. Therapy focuses on changing your thoughts about illness and then helping you adopt positive ways of coping with illness.

OFFLINE

Some people also have chronic pain that's not tied to an injury or physical illness. Healthcare providers call this response psychogenic pain or psychosomatic pain. It's caused by psychological factors such as stress, anxiety and depression.

Identify strong TR & EM

Extract online & offline CH of BE