

# Whitepaper



# RithmCare

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## Legal Disclaimer

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This whitepaper is to present potential token holders and other stakeholders with some early concepts regarding the RithmCare crypto-blockchain tokens (\$RTHM, PTNT, and PRCT) intended to reduce healthcare costs and improve patient outcomes and overall satisfaction levels.

Prospective token buyers should perform their own thorough due diligence before purchasing any crypto asset. Nothing in this whitepaper shall be deemed as a prospectus of any kind, nor as a solicitation for investment, nor does this document offer to sell securities in any jurisdiction. This document is not written in accordance with nor is it subject to the laws or regulations in any legal jurisdiction, which are designed to protect investors.

The tokens described in this whitepaper have not been registered under the Securities Act, the securities laws of any state of the United States, or the securities laws of any other country, including the securities laws of any jurisdiction in which a prospective buyer or token holder is a resident.

### **Limitations on use of the tokens**

Except as updated from time to time, the RTHM, PTNT, and PRCT tokens can't be used for any purposes other than those provided in this whitepaper, including any investment or other financial purpose. These tokens confer no other rights in any form, including any ownership, distribution, redemption, liquidation, property, or other financial or legal rights, other than those specifically set forth herein.

This whitepaper contains certain statements, estimates, and financial information that might be considered forward-looking statements or information. Such forward-looking statements or information involve known and unknown risks and uncertainties, which may cause actual events or results to differ materially from the estimates or the results implied or expressed in such forward-looking statements.



# Nurse's Manifesto

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Healthcare costs are high while patient outcomes are ho-hum.

Healthcare data is difficult to share because it's stuck in "silos."

Doctors are wasting too much time treating problems in-hospital that could have been prevented by skilled outpatient service providers.

There are too few well-qualified outpatient practitioners, including clinical nurse specialists.

Our best nurses and therapists are suffering from poor morale. It's because the current healthcare system lacks a supportive community of practitioners rewarded specifically for patient satisfaction and quality of life with better outcomes.

Worst of all, too many patient lives are being lost through unnecessary hospital readmissions. The only way to ensure success is to craft a comprehensive care-management solution that satisfies all the stakeholders –

- Patients
- Family members & caregivers
- Doctors
- Managed care & accountable care organizations
- Nurses & therapists
- Hospitals, pharmacies, labs & other service providers

RithmCare will use the power of blockchain, AI, and Web3 community tools to reduce costs and improve outcomes for everyone.



**Dominique Haynes**

Founder & Director of Nursing

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# Rithmcare Can Help Solve Many Problems

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- ☑ High healthcare costs
- ☑ Unimpressive chronic care outcomes
- ☑ High turnover for nursing staff
- ☑ Lack of patient-performance incentives for skilled nurses and therapists

There's not enough preventive effort to keep outpatients from being readmitted to the hospital. This is especially true when outpatients suffer from multiple chronic conditions such as cancer and depression.

All too often, outpatients fall through the cracks until they require inpatient treatment. That's how hospitals become costly warehouses.

At the same time, years of pandemics and bureaucracy have taken a steep toll on practitioners. There's a sense of frustration and despair among the community of nurses and therapists. Many experienced nurses and therapists are leaving the healthcare profession, and not enough new practitioners are becoming certified. RithmCare aims to turn these [challenges](#) into opportunities.

## REDUCING HEALTHCARE COSTS

The high cost of healthcare is rooted in the inefficiency of administering benefits by using a third-party payor model. [Costs](#) are also high because data is centralized into [silos](#), and [physicians](#) are spending too much time treating patients who could have been better served with preventive outpatient care provided by skilled clinical nurse specialists.

## AVOIDING READMISSIONS IS THE GOAL

Studies have shown that readmissions cost Medicare more than [\\$25 billion](#) each year.

The RithmCare program aims to reduce the number and severity of readmissions for patients with chronic conditions. We can do this because [remote monitoring](#) is the most cost-effective way to detect the need for additional services such as physical therapy, dietary management, or optometry.

Other research indicates that telenursing care for remotely monitored patients with chronic conditions resulted in about **20% fewer hospital readmissions**, and **around 50% lower mortality rate** than those patients who weren't monitored. Practitioners can monitor chronic outpatients remotely through video conferencing, and also via digital devices in the patient's home. Most importantly, the RithmCare telenursing platform will help coordinate between the patient, family caregivers, and the various healthcare service providers in order to improve compliance.

## TELENURSING SAVES PHYSICIAN TIME



RithmCare will empower doctors by saving their precious time. Government agencies aim to address this issue by incentivizing [programs](#) that are specifically designed to reduce the amount of time that physicians spend with patients who could be treated by clinical nurse specialists instead.

In particular, the government encourages telenursing solutions, especially for chronic outpatients with multiple conditions. Since the coronavirus pandemic, the US Government has changed its rules in order to let more providers receive Medicare compensation for virtual consultations. **The estimated market for telenursing and overall telehealth services has grown from about \$47 billion in 2019 to as much as \$190 billion in 2022.**

Still, certified practitioners are the most difficult for managed-care organizations to find and retain. And, home visits by practitioners will always be a core service, because there is no effective replacement for in-person care given by loving, highly skilled nurses and therapists. The program will use the best currently available technologies for remote monitoring and communications to equip loyal nursing staff dedicated to achieving better outcomes for their patients.

## PREVENTIVE OUTREACH & EDUCATION TO AVOID READMISSION

Practitioners will care for patients both remotely and in person, with a consistent focus on education and prevention. Fortunately, RithmCare already has plenty of candidates for a workforce composed entirely of certified practitioners with patient education and preventive plans to help chronic outpatients stay at home longer.

The program will also manage the entire process of recruiting, certifying, and managing top-performing clinical nurse specialists and other therapists. That's the only way to give chronic patients better outcomes and reduce physician costs.

## Rithmcare Offers A Comprehensive Solution

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The telehealthcare solution offered by this program is the best way for patients, practitioners, and payors to achieve the mutual goals of better outcomes for patients while reducing costs overall. Blockchain, AI, and other innovative technologies are the key to solving the problems facing the healthcare industry. By using new data and communications technologies to leverage the power of good nursing care, the program will improve patient outcomes, reduce costs, and build practitioner loyalty and retention.

Most importantly, telehealthcare can keep chronic outpatients at home longer and reduce staffing shortages of nurses and other skilled practitioners. By tokenizing the value of practitioners' caregiving, and by monetizing the value of patient data, RithmCare can finally overcome the costliness of our national third-party payor system.

With so many stakeholders involved in the existing third-party payor system, inherent conflicts tend to drive costs upward. Yet, IoT medical devices, AI, telehealth, and other blockchain-powered technologies are the key to reducing the cost of caring for chronically-ill outpatients. Existing technologies can simply be combined to provide each chronic outpatient with a “nurse in a box” for remote monitoring, education, and preventive care, as described below.



By combining the “NurseBox” monitoring mentioned elsewhere and occasional visits by clinical nurse specialists, the amount of physician time and hospitalizations are expected to decrease significantly. Just as importantly, RithmCare aims to create a culture of excellence based on practitioner performance, to reward the most effective nurses and therapists.

## SERVICES FOR PATIENTS & PRACTITIONERS

- Patient services
- Practitioner services

## PATIENT SERVICES

Using a combination of traditional patient care and telehealthcare, the program's management for chronic outpatients will include –

- Telenursing
- In-person visits and therapies by certified practitioners
- Preventive outreach, support & education
- Meals, medications & treatments
- Comprehensive case management

Technology will facilitate –

- Remote triage
- Preventive education & compliance
- Scheduling visits & treatments
- Patient transportation & logistics
- Video conferencing & remote monitoring
- Mobile health apps
- Health records management & storage

## NURSEBOX – TELENURSING & TELEMETRY

The better the care those patients receive, the better their outcomes will be. Top-quality telemetry and communications are the keys to providing the best remote nursing services.



The NurseBox or “nurse in a box” concept means that each monitored outpatient will have a suite of connected telemetry and communications apps designed to allow the remote nurse to periodically check in with each patient. Likewise the NurseBox will allow patients and caregivers to help telenurses quickly triage issues. This telenursing triage is expected to reduce readmissions significantly.

RithmCare envisions using existing technologies in order to communicate with outpatients at home, as well as remotely [monitoring](#) vital signs including pulse and respiratory rate, body temperature, and much more. Using telemetry and data-over-sound technology, IoT devices placed strategically throughout the patient's home or apartment can send updates to remote staff regarding daily activities and needs.

### An “eye in the sky” improves patient compliance

Even when family caregivers try to help, poor compliance and lack of care management are still the leading trigger for hospital readmissions and unfavorable outcomes. As mentioned elsewhere, the proprietary RithmCare “NurseBox” solution can provide a professional eye to help ensure compliance with routines involving meals, medications, and treatments.

## HOW RITHMCARE WILL WORK FOR PATIENTS

To see how this program will work to improve patient outcomes and reduce costs, let's walk through the entire process for top-quality outpatient preventive care in a typical use case, beginning with discharge planning at the hospital. Let's consider the case of *Shelly*, who is going home after undergoing cancer-related surgery.

- 1 Shelly lives alone. After spending a few days in the hospital she's eager to leave. However, her support network is limited – The children live far away. When the case manager is preparing Shelly for discharge she explains how the program is designed to help people stay out of the hospital. Since Shelly suffers from two chronic conditions – cancer and heart problems – RithmCare's outpatient treatment program is eligible for Medicare payments.
- 2 The discharge case manager explains to Shelly how the “NurseBox” telemonitoring system will let the outpatient nursing and education staff check in periodically to help her stay healthy and avoid readmission to the hospital. The registered nurses and clinical nurse specialists will manage Shelly’s care mostly through telenursing and remote monitoring.
- 3 Whenever she has questions or concerns Shelly can reach out and communicate directly with the nursing staff through the NurseBox platform installed in her home. The staff will answer her questions and alert family members or emergency service providers if necessary. Most importantly for prevention Shelly will have access to educational content about chronic medical conditions and how to enjoy the best quality of life while managing them at home.
- 4 Once her physician signs the discharge and medication orders, Shelly is ready to return home from the hospital. Soon, a technician stops by to install the RithmCare “NurseBox” remote monitoring equipment powered by TrillBit and other technologies. The data over sound communications equipment is installed within minutes.
- 5 Since the TrillBit system is based on an inaudible data over sound protocol, the “nurse cam” and other components will create a monitoring perimeter around Shelly's apartment. RithmCare's unobtrusive monitoring and telenursing give her the confidence and peace of mind to avoid unnecessary ER visits and costly readmissions.

- 6 The telenurse checks in regularly to keep an eye on Shelly, and help ensure her compliance with post op medication and treatment routines, including oral adherence. The field nurse occasionally makes in person visits to Shelly at home and helps her with tasks such as finding the right wig or preparing her for future chemotherapy treatments.
- 7 Since Shelly can reach out to skilled nursing staff for occasional support *early enough to make a difference*, she's able to avoid readmission to the hospital for a long period of time. Most importantly, she feels confident staying in her own home. That's the highest goal of our patient centered services.

## PRACTITIONER SERVICES

Everyone who works in healthcare already knows about the stress and emotional ups and downs of the “caring professions.” That's why, even while RithmCare remains squarely focused on patient services, the practitioners individually and as a community must also be served equally as well in order to improve long-term outcomes for *all* stakeholders.

RithmCare's role is to empower clinical nurse specialists, skilled therapists, and other practitioners to focus solely on their core mission of providing care to patients. We will do this by providing carefully-chosen practitioners with comprehensive services:

### **RithmCare is the antidote for high turnover**

As mentioned elsewhere, the healthcare industry is suffering from a longstanding shortage of qualified nurses and therapists in specialty fields such as oncology care and mental health services. Researchers are forecasting a shortfall of about 100,000 physicians by the year 2030.

Likewise, sources predict there will be a demand for 200,000+ new RNs each year through 2026. At the same time when staff turnover is high, morale is very low.

In 2022 the **turnover** rate for nursing staff ranges up to nearly 40% depending on the specialty and geographic region.

Large numbers of new nurses are needed in order to replace the aging population of American nurses, whose average is now around 50ish.

RithmCare aims to improve the quality of outpatient healthcare by raising the bar for the quality of staff. While being rewarded with industry-leading pay, the program's carefully-selected nursing staff will also receive –

### **PAY BASED ON PERFORMANCE**

- Practitioner recruitment, development, & mentoring services
- Certification & continuing education
- Contracting & assignments
- Financial empowerment through crypto-blockchain participation
- Mentoring & leadership development
- Community development

Most nurses and therapists would rather focus on patient care than worry about the endless red tape of contracting, scheduling, billing, certification, and work schedule. RithmCare will greatly increase worker satisfaction and retention rates while simultaneously helping outpatients live longer, happier lives – with lower costs for payors.

Since RithmCare will offer an industry-leading payscale and a reputation for supporting practitioners, we expect to attract and contract well-qualified nurses, therapists, and other practitioners.

After a probationary period, newly-contracted practitioners will receive regular pay at levels considered highly competitive in the healthcare field. The platform will monitor practitioners' success metrics regarding patient/caregiver satisfaction and improved patient outcomes. Practitioners will receive performance-based incentive bonuses based on their ratings.

## **PRACTITIONERS PARTICIPATE IN CRYPTO-BLOCKCHAIN HEALTHCARE**

Nurses have watched passively while AI and blockchain technologies boost productivity in other industries. However, workers generally haven't benefited from technical improvements in nursing services. RithmCare aims to mobilize and incentivize healthcare workers based on the idea that everyone can participate in a program powered by crypto-blockchain technologies.

Best of all, since RithmCare is designed to reward practitioners who provide the best outcomes, the entire community has an opportunity to benefit from tokenizing the value of patient data while improving the outcomes.

## **CERTIFICATION & CONTINUING EDUCATION**

To provide top-quality chronic care for outpatients, the RithmCare nurses, therapists, and other professional practitioners must be licensed and certified. For the program envisioned in this whitepaper, a typical practitioner will be a clinical nurse specialist in the field of oncology or mental health.

In order to help recruit and retain qualified practitioners, RithmCare will operate a carefully-targeted program to find and mentor student nurses and other new practitioners. Candidates who join RithmCare's community will be guided through the licensing and certification processes to become clinical nurse specialists and therapists.

In addition to its patient education and prevention activities mentioned earlier, RithmCare will also operate a practitioner-centered education program designed to streamline the specialty licensing and certification process for nurses and therapists, as well as continuing education.

## LEADERSHIP DEVELOPMENT

When people are working in a stressful environment like healthcare, money alone isn't enough to keep everyone motivated. Professional nurses and therapists are motivated by factors including a sense of love, caring, and community. Any healthcare administrator who is working to keep staff assignments filled knows that excellent leadership is the key to success: The best workers lead others onward and upward.

That's why RithmCare's core mission includes finding, mentoring, and developing the next generation of patient-care leaders. The leadership development, outreach, and community-building work begin at the college level, with the recruitment of candidates for oncology nursing and other specialized roles.

## COMMUNITY DEVELOPMENT

Pay is important to practitioners, but a sense of community is what *really* bonds people together across all barriers. All leading healthcare institutions are built with a community of committed people whose common goals are the same – Provide exceptional care with noticeably better results, and be rewarded with personal satisfaction as well as money.

## HOW RITHMCARE WORKS FOR A TYPICAL PRACTITIONER

RithmCare is designed to take multiple burdens off its nurse and therapist practitioners, so everyone can focus on caring for patients. Let's consider a typical scenario for *Linda*, a young nurse who is working to become certified as an oncology specialist.

- 1 RithmCare engages Linda and provides her with an ongoing contract for services. She's happy because the platform handles all of her work scheduling assignments, billing, and support services. RithmCare also helps her achieve certification as a clinical nurse specialist.

- 2 Beyond educational support and mentoring, Linda also has an opportunity to have her own small, independent, blockchain based business, including a self-guided way to save money for her future. That's because her individual practitioner token (NFT) is a store of savings value as well as being a growth investment expected to rise in value according to the quality of her performance with patient care.
- 3 Linda can liquidate the savings within her token if she truly needs cash. Or, she can hold her token as a long-term investment. When Linda gains work experience and skills as an oncology nurse specialist, the market sale price of Linda's personal NFT will increase based on the value of bonuses earned by her performance scores.

## RITHMCARE ALSO SERVES CARE ORGANIZATIONS

To illustrate how this program will work for ACOs and managed care organizations, let's consider the example of a typical accountable care organization. Many organizations want to improve their success-scoring metrics, and RithmCare is uniquely suited for providing a bundle of chronic-care services to outpatients, especially those with a significant risk of readmission. By triaging newly-discharged outpatients and providing appropriate preventive services, RithmCare will significantly **reduce** readmissions and greatly improve the scores of participating accountable care organizations.

To participate in the program, the organization can simply identify and assign a cohort of outpatients, and allocate a budget for their care. The program will provide appropriate supportive and preventive care to ensure that those patients stay at home longer, have better outcomes, and have fewer readmissions to hospitals. As a result, care organizations can expect significantly better performance scores and receive financial incentives.



# Benefits For All Stakeholders, And Special Incentives For Payors

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Beyond the social good of delivering better outcomes for patients, reducing nursing staff turnover, and financial incentives mentioned above, accountable care organizations and other payors will also receive revenues from the value of tokenized, anonymized patient data. Here's an overview of the specific benefits for each group of stakeholders.

- Patients
- Family caregivers
- Doctors
- Nurses & therapists
- Pharmacies & labs
- Payors

## PATIENTS

Through the power of telenursing, the RithmCare program will bring care into patients' homes wherever they live. Since the program is based on remote telenursing with occasional home visits, chronic patients are served in the most cost-effective way. For any outpatient with cancer and/or depression, the program can coordinate all support services, including medication compliance and transportation to medical appointments.

## CAREGIVERS & FAMILY MEMBERS

Caring for family members with chronic illnesses can be very tiring for caregivers. It's difficult for caregivers to locate the resources they need. For family caregivers, the main benefit of RithmCare is its ability to provide extra oversight for monitoring and compliance. Even with plenty of attention from family members, remote telenursing check-ins can still reduce [costs](#) and help patients avoid readmission.

## PHYSICIANS

Good discharge planning is the first step toward avoiding readmission. Doctors will be the main beneficiaries of the program's potential for saving valuable time, simply by referring their patients to the program.

For every chronic outpatient visit avoided, the attending physician saves hours of costly billable time. Just as importantly, patients who receive good nursing care nearly always give their doctors the best satisfaction scores.

## MANAGED CARE & ACCOUNTABLE CARE ORGANIZATIONS

Since managed care organizations are constantly looking for ways to decrease the **cost** of services and bundled payments for chronic patients, RithmCare offers the benefit of providing all the services necessary to improve those organizations' quality scores and success metrics.

## NURSES & THERAPISTS

For practitioners who work in the stressful environment of chronic healthcare, the RithmCare program offers an ideal way to become independent, advance in their careers, and earn excellent income in a performance-based community with rewards for better patient outcomes.

## PHARMACIES & LABS

Missed medical appointments, mishandled lab specimens, and transportation difficulties are all responsible for enormous losses in healthcare costs each year. Labs, pharmacies, medical imaging centers, and other outside service providers will benefit from the program's oversight through each step of the entire appointment-setting, transportation, logistics, and patient compliance processes, including oral adherence.



# Tokenization

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Tokenizing and monetizing the anonymized patient data is straightforward. Likewise, practitioners' performance data will also be tokenized and monetized.

Beyond the anonymized data from patients and practitioners, IoT medical devices and AI software will already generate large amounts of information. This data is also quite valuable for research and marketing purposes.

## TYPES OF TOKENS, WALLETS & SMARTCARDS

- Patient token (PTNT)
- Practitioner token (PRCT)
- Payor token (RTHM)
- Patient-wallet
- Practitioner-wallet
- Patient smartcard
- Practitioner smartcard

Each patient and practitioner will have their own token, and there will be a fungible payor token. There will also be patient wallets and practitioner wallets to handle the tokens.

Patient-wallets control patient healthcare records, scheduling, and other relevant information. Practitioner wallets allow their owners to control everything from contracting, scheduling, and billing to P2P communication with their patients, and also as a personal savings and investment account, plus much more.

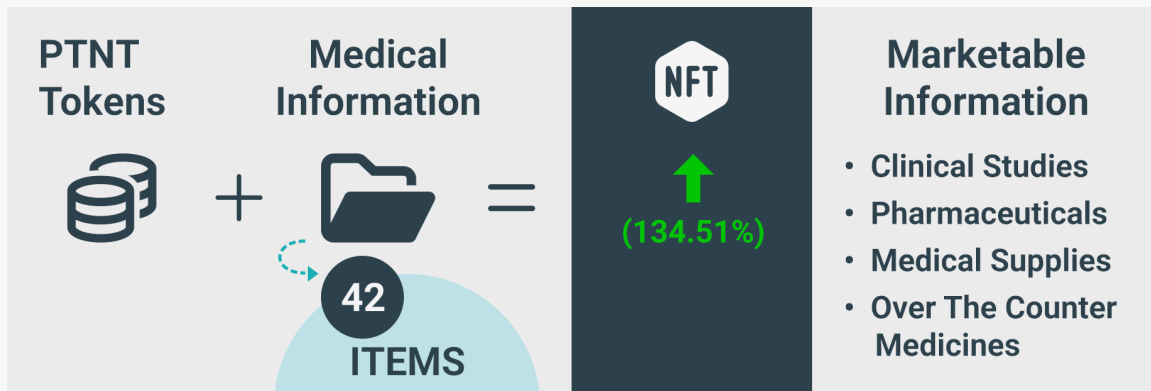
All the wallets will function through blockchain apps for real-time coordination among patients, practitioners, and payors. They will also greatly simplify the process of accounting and billing for accountable and managed care organizations. There may also be smartcards necessary to manage the data to be controlled by the tokens.



# Patient Tokens

**Patient tokens (PTNT)** are non-fungible (NFT) and they are minted when a patient first enters the system. The value of each individual patient token is based on the value of marketable medical information that it controls.

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The medical records themselves are stored and accessed through the patient's smartcard. The token allows permission and access to the data, which is anonymized for research and marketing purposes.

## THE NUMBER OF PATIENT TOKENS TO BE MINTED

In the US, there are several million new diagnoses each year for patients who require chronic care, especially for cancer, diabetes, and cardiac issues. The target total number of PTNT tokens to be minted over time is 100 million NFTs, one for each prospective enrollee into the RithmCare program.

Since there are nearly 2 million new cancer diagnoses alone each year, it seems prudent to plan for the issuance of one hundred million non-fungible tokens. This figure represents somewhat less than one-third of the current US population, and the goal is achievable within ten years after launch.

The PTNT tokens are minted individually or in batches, and one unique token is assigned to each new patient at the time of nursing intake, medical history, etc.

## THE VALUE OF PTNT TOKENS

The patient tokens represent value in the amount, depth, and quality of medical information they control. Although the value of cross-reference data for clinical trials might be expected to increase the market price of data generated by chronically-ill patients with multiple medications, etc., it is likewise expected that increasing age and mortality rates may cap that value at some level.

The par value of the patient token at the time of public distribution will be set at \$1 each, based on a steeply-discounted average of the value of patient data. Of course, seed and other early-round investors are likely to purchase PTNT tokens at a steep discount.

From researching across multiple sources, one general consensus might be that the value of a chronic-care patient's anonymized medical history and other [data](#), including medications and procedures, is somewhere between USD \$100 to as much as \$1,000. Although some sources indicate that the value of comprehensive patient data could be as high as USD \$50,000 in some [cases](#).

It is expected that insurance companies, managed care organizations, and private medical groups will actively buy and sell these tokens because of the great implied discount between the token's target launch price of \$1 and its upside potential.

## BUYING & SELLING PATIENT TOKENS

Patient tokens are expected to be sold through any of several leading NFT auction marketplaces. Likewise, RithmCare will also operate an in-house token exchange desk for patient tokens as well as practitioner tokens.

Because the PTNT token can control dividends and other payouts to its owner, it seems likely that further secondary markets for patient tokens may arise between insurance companies or perhaps re-insurers.

## REGULATION & MARKETING OF PATIENT TOKENS

For several reasons, the PTNT tokens are expected to be unaffected by current regulatory guidelines. First, these tokens are arguably utility tokens that exist to act as storehouse managers for patient data.

At the same time, all marketing and sales will be the responsibility of and will be conducted through RithmCare's foreign stakeholders. Since the program's corporate jurisdiction is outside the United States, all US-based token-buyers are responsible for complying with applicable federal and state laws.

Fortunately, if the regulatory environment may become restrictive for token launches, then the RithmCare program can be launched as a non-regulated e-commerce sale of novelty tokens that act solely as storage for individual patient data.



## Practitioner Tokens

**Practitioner tokens (PRCT)** are non-fungible (NFT) and uniquely represent each individual practitioner. The values of individual practitioner tokens will depend on several factors, including skill and experience, certification, longevity in their career, and most importantly, patient satisfaction, caregiver satisfaction, and patient longevity. An algorithm will rate all the practitioners system-wide in their respective niches, and will automatically apportion bonuses accrued in the system.



PRCT tokens will also benefit their owners as a form of savings, and even staking for crypto-blockchain purposes. Practitioner smart-cards are programmed with an “automatic savings” feature to save a portion of the practitioner's inbound payments, ranging from a minimum of 1% to a maximum of 10%, and place those funds into retirement and savings accounts available to the practitioner via debit card.

## MINTING PRCT TOKENS

The precise number of practitioner tokens to be created will depend on the number of practitioners enrolled in the program. It's logical to expect that in order to serve the targeted 100 million prospective patients over a ten-year period will require the services of at least 100,000 clinical nurse specialists or therapists in each of these areas – oncology, diabetes, cardiac care, and mental health practitioners – for a total of at least **500,000** total enrolled practitioners nationwide.

## BUYING & SELLING PRACTITIONER TOKENS

The par value of each PRCT token when minted will be \$100. This base amount represents the value of the newly enrolled practitioner, and it also serves as the initial savings reserve for that practitioner.

Over time the value of each individual PRCT will rise along with the value accorded for rising performance rating scores. The practitioner can liquidate the savings as well as sell the token for its appreciated performance value.

RithmCare practitioner tokens are expected to be sold through online auction platforms that specialize in non-art NFTs. At the same time, practitioners can also offer their NFTs for sale or rent through the planned in house exchange desk.

## REGULATION & MARKETING OF PRCT TOKENS

Practitioner tokens are expected to be unaffected under current regulations since they represent an individually minted store of wealth that may increase in value based on individual performance. The practitioner token will be fully marketable – Each nurse or therapist will decide if and at which price to sell his or her own

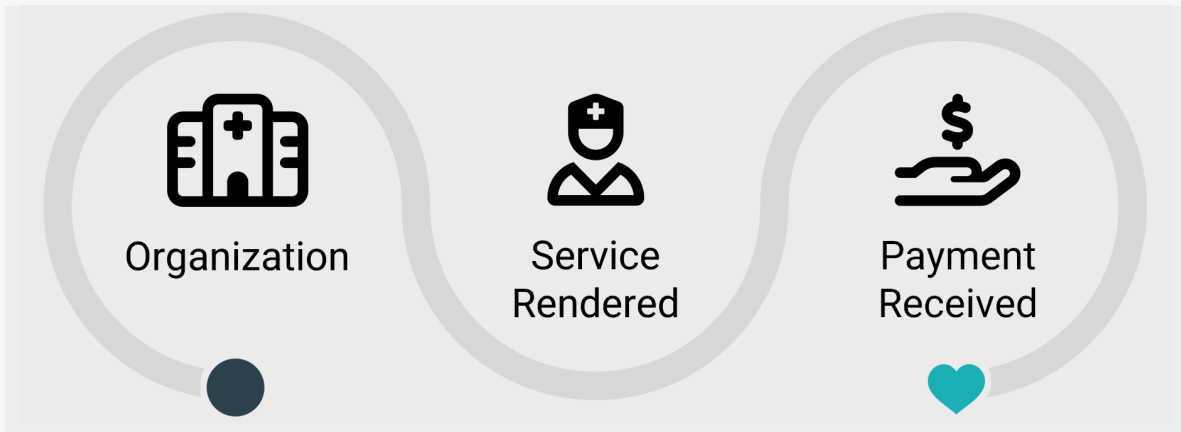
token. Even so, in order to avoid being classified as a security for purposes of regulation, the practitioner tokens can be marketed as an e-commerce novelty for personal financial management.



## Payor Tokens

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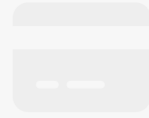
**Payor tokens** are to be used for receiving payments from payors such as managed care organizations and others responsible for paying service providers. Likewise, the payor tokens will be used to compensate practitioners for their services.



For convenience, as long as the regulatory environment permits it, the program will use its proprietary token (RTHM) as a “stablecoin” pegged at a ratio of 1:1 against the US Dollar. However, if required by regulatory changes, the payor token might easily be designated as for Tether (USDT) or any other stablecoin or crypto-asset approved by the US Government and other leading governments worldwide.

Since the RTHM token is planned as a stablecoin, there will be no mining or minting – Each RTHM is to be backed by at least USD \$1 in marketable, dollar-denominated assets held within RithmCare’s corporate treasury or insurance fund. It’s expected that payor tokens will be bought and sold in a fairly liquid marketplace hosted across several crypto-asset exchanges and platforms.





## How To Pay For RithmCare

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The RithmCare program aims to attract accountable care organizations and managed care organizations in several different ways –

- Marketable value of anonymized healthcare information
- Improved success scores for providers
- Reputation for successful outcomes at lower costs

### VALUABLE DATA

The platform will support and monetize these types of data –

- Administrative data
- Patient health records including medication & treatment data
- Clinical notes & transcripts
- AI data from IoT devices
- Surveys regarding patients & practitioners

Funding for the development and operation of the program is expected to arise from the sale of patient tokens according to the valuable data they control. Token owners will be able to sell or rent valuable anonymized data regarding medical history, medications, and other information about diagnosis and treatment.

As the amount of data contained in a given patient's electronic health record (EHR) continues to grow over time because of ongoing medical treatment, the value of that data also increases. Since RithmCare will only serve outpatients with chronic conditions, the program is expected to generate large amounts of clinical data valuable to pharmaceutical companies, genomic researchers, and other commercial buyers.



## The Team

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**Dominique Haynes**

**MHA RN OCN CPHQ**

**Founder & Director of Nursing**

Dominique is a passionate clinician dedicated to improving the quality of patient care. As an experienced oncology nurse, she also understands the needs of practitioners. RithmCare is Dominique's practical solution to achieve her interrelated goals of ensuring patient success as well as practitioner satisfaction.

Formerly the Director of Cancer Services for Adventist HealthCare in Rockville Maryland, Dominique has also managed the Regional Cancer Care Program for Kaiser Permanente's Mid-Atlantic Permanente Medical Group (MAPMG).



**Ashraf Meelu\***

**MD FACP**

**Medical Director**

Dr. Meelu is a specialist in hematology and medical oncology. He's passionate about achieving better outcomes for patients while reducing healthcare costs through expert telenursing care. He's known throughout the community for his kindness and exceptional bedside manner.

\* Pending confirmation of appointment.



## Alleda Mack\*

MD PhD

**Director of Research**

As a hematologist and oncologist, Dr. Mack is devoted to harnessing the power of real-world data to improve patient outcomes. A graduate of Princeton University and the University of Chicago, she has served as a Hematology-Oncology Fellow at the Karmanos Cancer Institute.



## Danita Tolson

EdD/CI MSN RN SLOAN-C

**Director of Nursing Education**

Danita is a senior nurse supervisor for mental health services at the Walter P. Carter Center in Baltimore, Maryland. She also serves as an assistant professor of nursing at Coppin State University. Beyond her work in teaching and mentoring nurses, Danita is also active in several community service organizations.



## Victoria Mojibola

CRNP PMH

**Psychiatric Nurse Practitioner**

Vicky is a leading psychiatric nurse practitioner who specializes in providing comprehensive care for patients with mood disorders. She's passionate about working toward a better future for all stakeholders.

\* Pending confirmation of appointment.

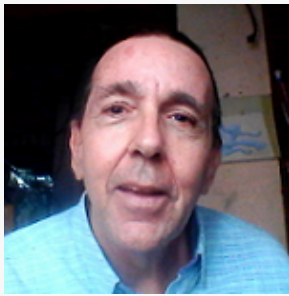


## Angel Thompson

LCP LCPC

**Lead Psychotherapist**

Angel has 18 years of experience as a psychotherapist, rehab counselor, case manager, clinical supervisor, and clinic director. She earned her master's degree in rehabilitation counseling with a specialty in marriage and family at Maryville University in St. Louis, MO.



## Edwin Flower

PhD

**Acting Director of Operations**

As a longtime business analyst and startup advisor, Ed has advised numerous founders and development teams about the best ways to achieve successful results in the shortest time with the least expense.



## Antonnis Siler

**Acting Director of Marketing**

As Founder and Director of Digital Admen Inc., Anton is adept with all forms of digital marketing. His marketing campaigns are characterized by clear messaging that creates a winning outcome for the entire community.

## PARTNERS AND ADVISORS

**Technology partner** – TrillBit for data-over-sound authentication, and vital signs telemonitoring apps and devices.



**Clinical referral partners** – Various private medical practitioners and other healthcare providers have already agreed to refer outpatients with multiple chronic conditions for follow-up and preventive care to reduce readmissions.



**Accountable care partners** – RithmCare is in discussions with selected accountable care and managed care partners about how to achieve better patient outcomes while reducing payor costs and improving critical performance scores.



## THE PILOT PROJECT

As indicated in the roadmap below, RithmCare plans to launch the program in the form of a pilot project through collaboration with physicians admitted to practice at Shady Grove Hospital and other selected healthcare institutions in the Washington DC metro area. The ideal patient cohort for the pilot project is between 100 to 200 patients for intake into the program either at the time of or soon after their discharge from the hospital.

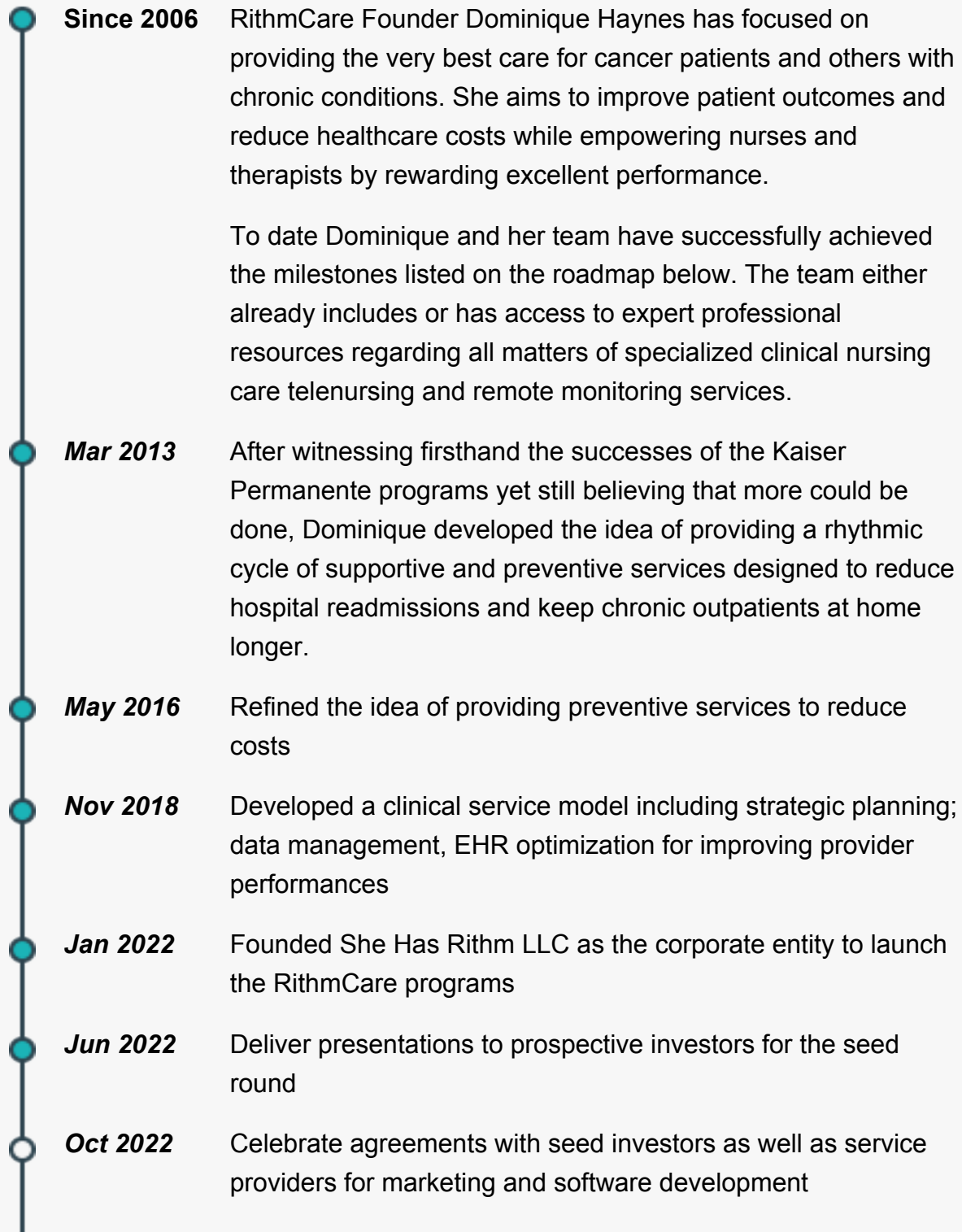
The initial staff of nurses and therapists is expected to number approximately 10 members, including the pilot team listed above. This program will offer a welcome outpatient planning solution for healthcare case managers and doctors as well.


By focusing on serving the population of chronic outpatients most vulnerable to costly follow-ups and readmissions, RithmCare hopes to quickly demonstrate cost-effectiveness for its partner organizations.

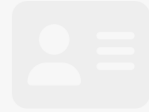


## Roadmap & Milestones

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- Nov 2022** Soft launch of outpatient nursing services, begin engineering development
  - Jan 2023** Complete the engineering of technology components necessary for remote monitoring and telenursing; test the overall system performance
  - Mar 2023** Public launch of the RithmCare program



## Contact Information

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To learn more about reducing healthcare costs while improving patient outcomes, contact RithmCare.

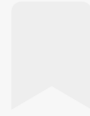
 [info@rithmcare.io](mailto:info@rithmcare.io)

 **240-202-2726**

# Thank You

for reading our whitepaper





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