
Remote Therapeutic Monitoring for Hand Therapy - Overview

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Confidential & Proprietary Information



Outline

- Remote Therapeutic Monitoring as a Concept
- RTM vs. Telehealth
- RTM CPT codes
- RTM clinical value
- RTM and clinical revenue
- RTM Challenges/Opportunities
- Things to consider when selecting an RTM vendor
- Tenzr's take on RTM
- Tenzr overview + demo

Remote Therapeutic Monitoring: Applications for Hand Therapy

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September 29, 2022

Objectives:

- Define Remote Therapeutic Monitoring
- Define CPT Codes (new for 2022)
- Discuss Challenges and Opportunities
- Present Current and Pending Legislation

Remote Therapeutic Monitoring

Remote therapeutic monitoring (**RTM**) codes are designed as direct mirrors of the remote patient monitoring CPT codes, with RTM intended for the management of patients utilizing medical devices collecting non-physiological data like (e.g., respiratory system status, musculoskeletal system status, therapy adherence, therapy response).

Remote Therapeutic Monitoring vs Tele-Health

- Virtual vs. Hybrid continuum of care
- Public Health Emergency response and CMS temporary rule changes vs. remote therapeutic monitoring codes (RPM 2019 and RTM 2022)

RTM CPT Codes

- **98975**: Remote therapeutic monitoring (e.g., respiratory system status, **musculoskeletal system status**, therapy adherence, therapy response); initial set-up and patient education on use of equipment);
 - **98976**: device(s) supply with scheduled (e.g., daily) recording(s) and/or programmed alert(s) transmission to monitor respiratory system, each 30 days).
 - **98977**: device(s) supply with scheduled (e.g., daily) recording(s) and/or programmed alert(s) transmission to monitor musculoskeletal system, each 30 days).

RTM CPT Codes Continued

- **98980:** Remote therapeutic monitoring treatment management services, physician/ other qualified health care professional time in a calendar month requiring at least one interactive communication with the patient/caregiver during the calendar month; first 20 minutes.
- **98981:** Remote therapeutic monitoring treatment management services, physician/other qualified health care professional time in a calendar month requiring at least one interactive communication with the patient/caregiver during the calendar month; each additional 20 minutes.

RTM Challenges

- Differentiating between billing increments of 30 days vs calendar month
 - 98976 and 98977 are to be billed each 30 days with 16 days of data collection in that time
 - 98980 and 98981 are billed at the end of the calendar month and are time-based codes
- 16/30 days requirement as threshold for 98976 and 98977—patient dependent
- Di minimis standard applies 98975, 98980, and 98981 (CO CQ modifier) if services are provided by COTA/PTA
- Di minimis standard does not apply to 98976 or 98977 (no modifier necessary)
- Currently, RTM therapy codes do apply to the annual cap threshold

RTM Opportunities

- CMS recognizes that digital health will have an important role in the future of rehab therapy and has demonstrated benefit with RPM codes as the model for RTM
- Recognition of prior therapy CPT codes as telehealth during PHE with proposed extension (H.R.4040 - Advancing Telehealth Beyond COVID–19 Act of 2021 and CMS proposed changes for 2023)
- Technology driven solutions for billing/EMR integration
- CMS as driver of policies for payer community
- RTM as **supplemental to** and **in support of** in-person hands-on therapy sessions

RTM Clinical Value

1. RTM enables you to guide your patients remotely by providing:
 1. More complete patient data
 2. Provides greater insight into treatment responses and outcomes data that justify continued treatment
2. RTM enables improved patient access—you can manage a greater volume of patients by managing those who are appropriate remotely
3. RTM fosters better patient engagement which leads to better outcomes

and locality code by zip code.

Includes Geograph

Zip Code to Carrier Locality ✕

Zip code 🔍
Chicago, IL 60625, USA

Carrier	Locality	Rural Indicator	Bene Lab CB Locality	Rural Indicator 2	Part B Payment Indicator
06102	16	Urban	Not a demonstration locality	Urban	A

Additional details & Relative Value Units (RVU):

Geographic Pricing Cost Index (GPCI)	Physician Work (PW)	1.011
	Practice Expense (PE)	1.044
	Malpractice (MP)	1.871
Anesthesia Conversion Factor		23.080
FQHC Geographic Adjustment Factors (FQHC GAF)		0.982

Close

All Medicare Carri

Carrier	Locality
10112	00
02102	01
03102	00
07102	13
01112	05
01112	06

022.

Anesthesia	FQHC GAF
21.070	0.907
29.810	1.264
21.200	0.935
20.300	0.888
23.260	1.144
23.260	1.144

RTM Code Fees – Locality Cook County

CPT Code	Description	2022 Fee
98975	Enrollment	\$20.81
98976	Data Transmission: respiratory system	\$58.45
98977	Data Transmission: musculoskeletal	\$58.45
98980	First 20 min clinical staff time	\$52.82
98981	+ 20 min clinical staff time	\$43.37

RTM Impact on Outcomes

- **Clinical Performance:**
 - RTM can lead to improved patient engagement, better patient satisfaction, and improved outcomes
- **Clinic Performance:**
 - Providers can increase clinic revenue by implementing RTM as **secondary** and **supplemental** revenue stream
 - RTM data collection, patient participation and clinical staff review could equal the equivalent of two in-person follow-up therapy sessions revenue
 - RTM can be billed **concurrently** with in-person

Remote Therapeutic Monitoring with Tenzr Health

Lukas-Karim Merhi MAsc. – Biomedical Engineering
September 29, 2022

Objectives:

- Introduce Tenzr Health
- Define RTM Vendor Selection Criteria
- Present Tenzr's take on RTM
- Present Demo of Tenzr solution



What to consider when selecting an RTM vendor

1. Clinical value provided
2. Engagement factor: 16/30 days
3. Scalability and vendor's roadmap
4. Timeline for implementation + setup time per use
5. Upfront cost + cost per patient

Tenzr's take on RTM:

1. Use classic games to distract pain and overcome movement hesitancy
2. Provide real-time feedback to correct form and score
3. Ease of providing guidance and adjusting treatment by therapist
4. Provide meaningful assessment data to motivate patients daily and inform clinical care

Tenzr Demo

<https://www.loom.com/share/abb81506ce4c439ba3ec99607ddecc68>

Questions

References

- <https://telehealthresourcecenter.org/resources/fact-sheets/remote-physiologic-monitoring-rpm/>
- <https://www.foley.com/en/insights/publications/2021/11/2022-remote-therapeutic-monitoring-cms-final-rule>
- <https://www.ama-assn.org/practice-management/digital/huge-house-win-puts-telehealth-extension-senate-s-hands>
- <https://www.webpt.com/blog/things-youre-missing-out-on-by-not-leveraging-remote-therapeutic-monitoring/>
- <https://www.findacode.com/newsletters/ama-cpt-assistant/index.html>

Visit us at ASHT booth #220
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