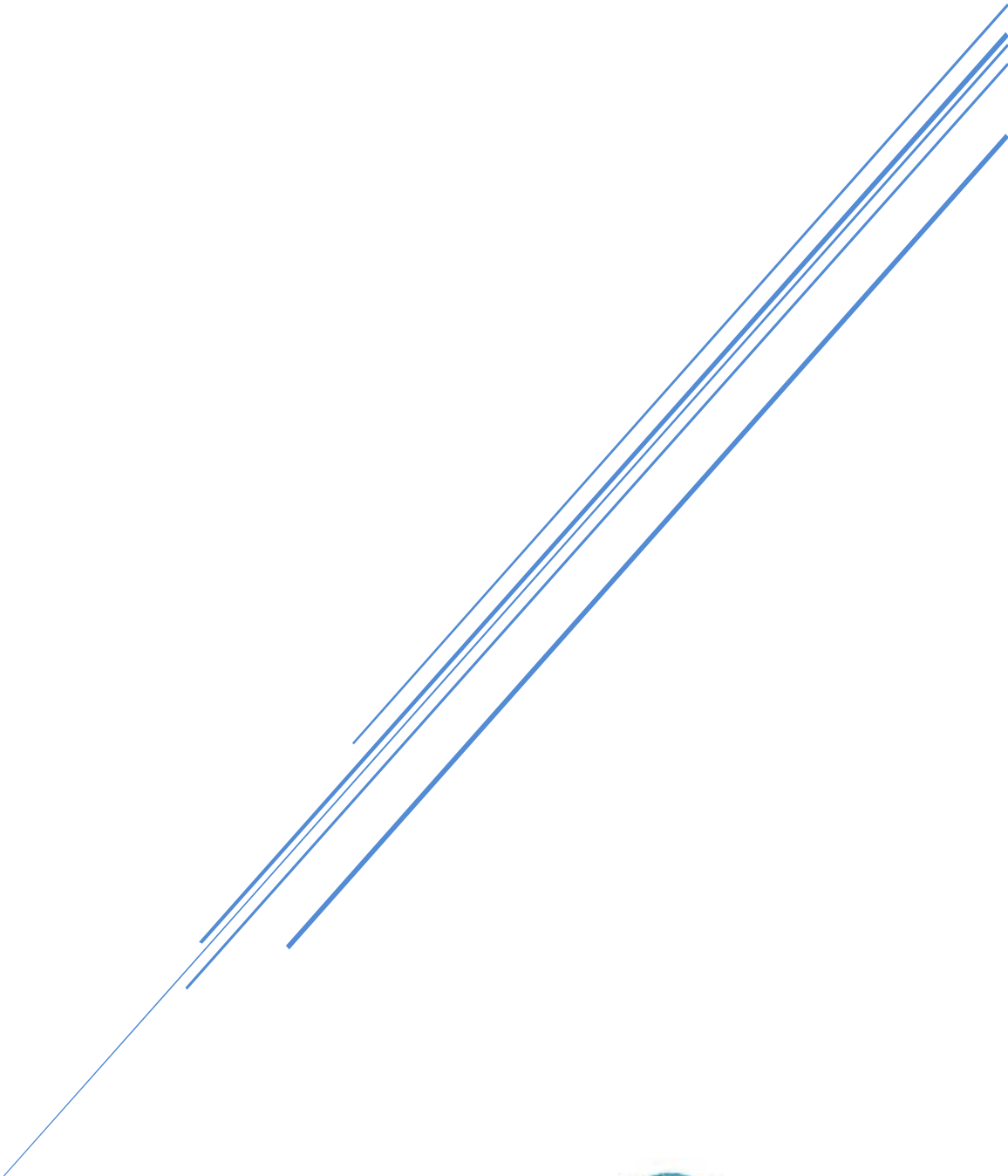


# Medgen EMR

Real World Test Plan Results

Reporting Year - 2025



## REAL WORLD TESTING RESULTS REPORT

**Comtron Inc.**

11 Grace Ave, Suite 208  
Great Neck, NY 11021

**Report Year: 2025**

**Conformance Measure:** 170.315(g) (7), 170.315(g) (9), 170.315(g) (10)

### GENERAL INFORMATION

**Plan Report ID Number:** [For ONC-Authorized Certification Body use only]

**Developer Name:** Comtron Inc.

**Product Name(s):** Medgen Electronic Medical Records

**Version Number(s):** Version 9.x

**Certified Health IT Product List (CHPL) Product Number(s):** 15.04.04.2984.Medg.09.02.1.220915

**Developer Real World Testing Plan Page URL:**

<https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWT2025.pdf>

**Developer Real World Testing Results Report Page URL:**

[https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults\\_2025.pdf](https://portal.medgenehr.com/medgenweb/downloads/ComtronCompleteRWTResults_2025.pdf)

### CHANGES TO ORIGINAL PLAN

We had decided to use the metrics for Insights Conditions along with the reporting for measure **170.315(g)(10)**

### WITHDRAWN PRODUCTS

No products withdrawn during the reporting period.

## **SUMMARY OF TESTING METHODS AND KEY FINDINGS**

### ***170.315(g)(7)***

The testing method we used for this measure was data driven. We have constructed an RWT report card within our EMR system that will help us track and count how many API requests are made for the purpose of patient query/selection. We have reviewed multiple third-party vendor connections that utilize our API. Instructions to integrate with our API is made public for vendors to establish this connection and because we have connections in place shows that they are able to complete this integration. The metrics displayed in these reports may be a sub-set of this data for illustrative purposes. The successful completion of an API request and response shows that a patient selection can be performed. The fact that the vendors were able to conduct these steps independently show that users are able to complete Data Export without our intervention.

### ***170.315(g)(9)***

The testing method we used for this measure was data driven. We have constructed an RWT report card within our EMR system that will help us track and count how many API requests are made for the purpose of full patient data access. We have reviewed multiple third-party vendor connections that utilize our API. Instructions to integrate with our API is made public for vendors to establish this connection and because we have connections in place shows that they are able to complete this integration. The metrics displayed in these reports may be a sub-set of this data for illustrative purposes. The successful completion of an API request and response shows that a full data patient request can be performed. The fact that the vendors were able to conduct these steps independently show that users are able to complete Data Export without our intervention.

### ***170.315(g)(10)***

The testing method we used for this measure was data driven. We have constructed an RWT report card within our EMR system that will help us track and count how many FHIR API requests are made for the purpose of full patient data access. We have reviewed third-party vendor connections that utilize our FHIR API based on registration. Instructions to integrate with our FHIR API is made public for vendors to establish this connection and because we have connections in place shows that they are able to complete this integration. The metrics displayed in these reports may be a sub-set of this data for illustrative purposes. The successful completion of a FHIR API request and response shows that a full data patient request can be performed. The fact that the vendors were able to conduct these steps independently show that users are able to complete an integration with our FHIR API. Additionally utilizing the ONC Inferno test environment will act as a 3<sup>rd</sup> party vendor attempting to make a connection to our FHIR API. Successful completion of the test cases presents there will indicate that a successful FHIR integration is possible.

Different from our original Real World Test Plan for 2025 we have decided to include the metrics related to the new Insights Conditions initiative that is required for 2026 when reporting our 2025 results for FHIR usage.

**STANDARDS UPDATES (INCLUDING STANDARDS VERSION  
ADVANCEMENT PROCESS (SVAP) AND UNITED STATES CORE  
DATA FOR INTEROPERABILITY (USCDI))**

[ X ] No, none of my products includes these voluntary standards

<b>Standard (and version)</b>	N/A
<b>Updated certification criteria and associated</b>	N/A
<b>CHPL Product Number</b>	15.04.04.2984.Medg.09.02.1.220915
<b>Conformance measure</b>	170.315(g)(7), 170.315(g)(9), 170.315(g)(10)

**Care Settings(s)**

**Internal Medicine** - Clinicians in this setting can utilize the Medgen Data Export routine, which also utilizes the API feature to store patient data locally. Third party vendors for this setting may also utilize the Medgen API for the purpose of query or extract of patient Category/Full data.

**OBGYN** - Clinicians in this setting can utilize the Medgen Data Export routine, which also utilizes the API feature to store patient data locally. Third party vendors for this setting may also utilize the Medgen API for the purpose of query or extract of patient Category/Full data.

**Pediatric** - Clinicians in this setting can utilize the Medgen Data Export routine, which also utilizes the API feature to store patient data locally. Third party vendors for this setting may also utilize the Medgen API for the purpose of query or extract of patient Category/Full data.

**Dermatology** - Clinicians in this setting can utilize the Medgen Data Export routine, which also utilizes the API feature to store patient data locally. Third party vendors for this setting may also utilize the Medgen API for the purpose of query or extract of patient Category/Full data.

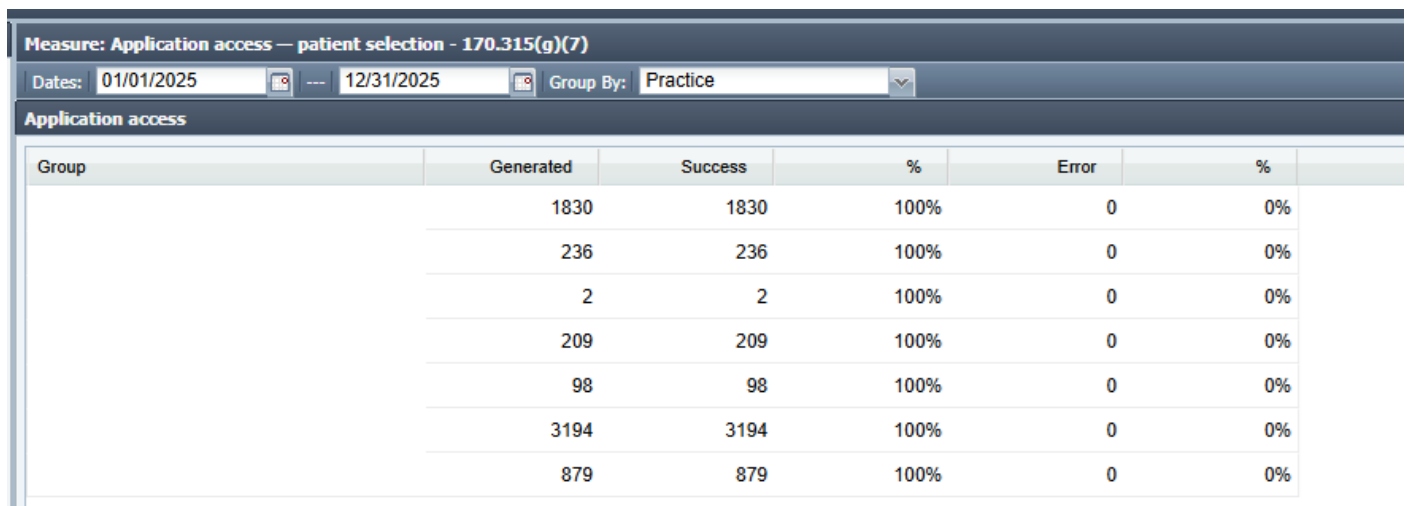
**Podiatry** - Clinicians in this setting can utilize the Medgen Data Export routine, which also utilizes the API feature to store patient data locally. Third party vendors for this setting may also utilize the Medgen API for the purpose of query or extract of patient Category/Full data.

## Metrics and Outcomes

### **170.315(g)(7)**

We have run an analysis to calculate the successful request and response of a patient selection request through the Medgen API from an outside vendor. The clients whose data was involved were comprised of the care settings mentioned above. We have seen a **100%** success rate of response of all API requests sent.

Below is a screen shot of a quarterly review of the API patient selection report card.



Measure: Application access — patient selection - 170.315(g)(7)

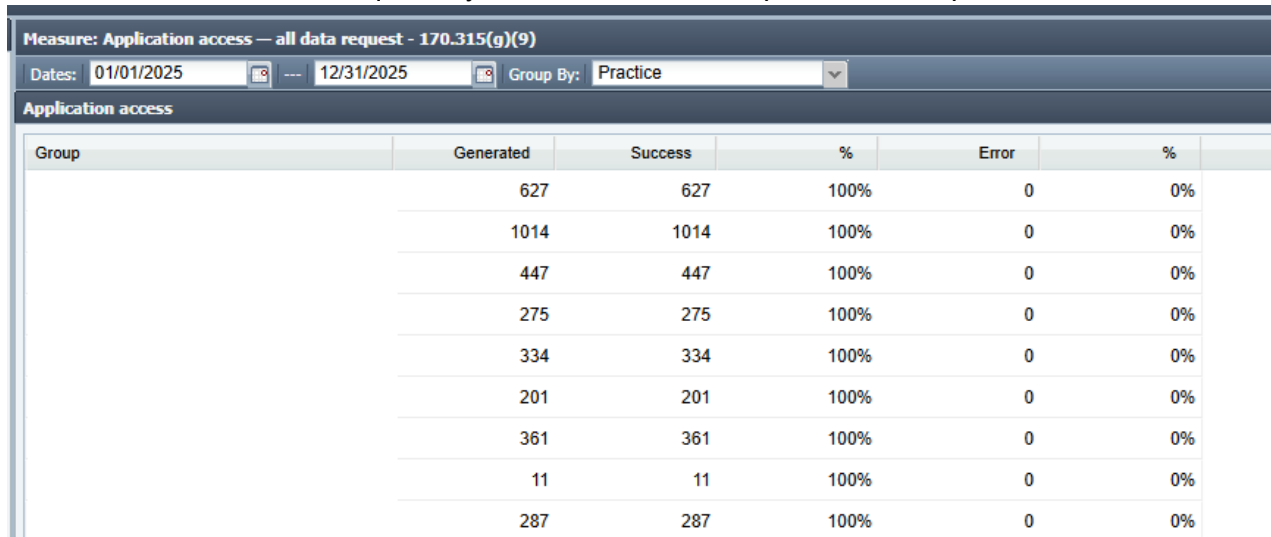
Dates: 01/01/2025 --- 12/31/2025 Group By: Practice

Group	Generated	Success	%	Error	%
	1830	1830	100%	0	0%
	236	236	100%	0	0%
	2	2	100%	0	0%
	209	209	100%	0	0%
	98	98	100%	0	0%
	3194	3194	100%	0	0%
	879	879	100%	0	0%

### **170.315(g)(9)**

We have run an analysis to calculate the successful request and response of a full patient data request through the Medgen API from an outside vendor. The clients whose data was involved were comprised of the care settings mentioned above. We have seen a **100%** success rate of response of all API requests sent.

Below is a screen shot of a quarterly review of the API full patient data report card.



Measure: Application access — all data request - 170.315(g)(9)

Dates: 01/01/2025 --- 12/31/2025 Group By: Practice

Group	Generated	Success	%	Error	%
	627	627	100%	0	0%
	1014	1014	100%	0	0%
	447	447	100%	0	0%
	275	275	100%	0	0%
	334	334	100%	0	0%
	201	201	100%	0	0%
	361	361	100%	0	0%
	11	11	100%	0	0%
	287	287	100%	0	0%

**170.315(g)(10)**

We have tracked the FHIR API client registrations and session logs to verify successful registrations and connections to the FHIR API.

We have completed the User test cases present on the Inferno ONC Certification (g)(10) Standardized API v.7.2.8 test tool using our FHIR end point. Full results can be supplied on request.

- US Core 6.1.0 / USCDI v3
- SMART App Launch 2.0.0
- Bulk Data 1.0.1

<b>(g)(10) Standardized API</b>	<b>Date Conducted: 10/01/2025</b>
<b>1</b> Standalone Patient App	PASS
<b>2</b> Limited Access App	PASS
<b>3</b> EHR Practitioner App	PASS
<b>10</b> Single Patient API	PASS
<b>7</b> Multi-Patient API	PASS
<b>9</b> Additional Authorization Tests	PASS
<b>11</b> Visual Inspection	PASS

**Active FHIR Sessions Q4 - 2025**

**Individuals' Access to EHI Through Certified Health IT**

This is the number of individual patient records accessed via API requests made through the FHIR app

<b>September 2025</b>	148
<b>October 2025</b>	7
<b>November 2025</b>	303
<b>December 2025</b>	312

**Use of FHIR in Apps Through Certified Health IT**

This is the number of individual API requests made through the FHIR API

<b>September 2025</b>	11,701
<b>October 2025</b>	32
<b>November 2025</b>	5940
<b>December 2025</b>	1570

Measurement /Metric	Associated Criterion(a)	Relied Upon Software	Outcomes	Challenges Encountered (if applicable)
Application Access – patient selection	170.315(g)(7)	None	100% Success Rate	None
Application Access – all data request	170.315(g)(9)	None	100% Success Rate	None
Standardized API for patient and population services	170.315(g)(10)	None	Successful Inferno Test Case Output, Successful Active Client Sessions	Although FHIR connections was not a widely utilized feature from 3 <sup>rd</sup> party vendors at the start of 2025 we did see an uptick of usage during the last quarter of 2025 which allowed us to run meaningful metrics

## Key Milestones

<b>Key</b>	<b>Care Setting</b>	<b>Date/Timeframe</b>
Start of Real-World Testing period	Per the care settings stated above	January 1 <sup>st</sup> , 2025
2025 1 <sup>st</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of March 2025
2025 2 <sup>nd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of June 2025
2025 3 <sup>rd</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of September 2025
2025 4 <sup>th</sup> Quarter Data Collected, Analyzed and Reviewed	Per the care settings stated above	End of December 2025
FHIR API Updated and Certified for required HTI-1 standards.	Per the care settings stated above	10/29/2025
End of Real-World Testing period/final collection of all data for analysis.	Per the care settings stated above	January 1, 2025
Analysis and report creation.	Per the care settings stated above	January, 2025

**END OF DOCUMENT**