



Accelerate Business

What Sets Us Apart

DynaTech's Competitive Advantage

Backed by years of expertise and a team of skilled professionals, DynaTech Systems stands at the forefront of the IT services industry. Our extensive portfolio includes cutting-edge solutions in cloud, ERP and CRM implementation, data analytics, artificial intelligence, and more.

We prioritize long-term partnerships built on collaboration and trust, delivering innovative, scalable, and secure solutions to keep our clients ahead in a rapidly evolving landscape.



150+

Global Projects

100+

Happy Clients

450+

Expert Minds

Microsoft Cloud Capabilities



Cloud



Azure
Infra



Azure
Services



Logic
Apps



Service
Bus



Functions



Event
Grid



API
Management



Synapse
Analytics



Load
Testing



Data
Factory



Business Applications



Marketing



Sales



Finance



SCM



Commerce



Customer
Service



Field
Service



Finance &
Operations



Project
Operations



Human
Resources



Low Code



Power
Pages



AI
Builder



Power
Apps



Power
Automate



Copilot
Studio



Data & BI



Fabric



Dataverse



Power BI



Customer
Insights



OneLake



Data
Engineering



Copilot



Data
Lake



Data
Factory



Data
Science



Data
Warehouse



Lakehouse



Microsoft
Purview



Real-Time
Intelligence

Transforming Clinical Notes into Actionable Data with Azure AI



Turning Clinical Text into Insights

Most clinical notes are unstructured and difficult to analyze. With Microsoft Cloud for Healthcare and Azure AI, providers can process free text into structured, standards-based insights — faster and more accurately.



AI-Powered Triage with Health Bot

Capture symptoms, verify identity, and escalate cases for faster patient response.

Smart Assist for Next-Step Recommendations

Automate routine tasks like prescription refills and appointment setup to free up staff.

Unified Patient Records with Azure Health Data Services

Consolidate labs, imaging, and care history into a single comprehensive patient view.

Clinical & Population-Level Insights

Extract structured data from notes and visualize patient trends to optimize outcomes at scale.

Real-Time Dashboards for Care Advocates

Monitor SLAs, response times, and patient data through live Power BI dashboards.

Simple Upload, Instant Processing

- ◆ Clinicians upload recorded or typed notes into the tool
- ◆ Skip manual searching through free text
- ◆ Begin enrichment analysis in seconds

Clinical Notes Enrichment

Upload a PDF containing medical text to extract FHIR entities and display in a simplified table.

Choose a PDF file

Drag and drop file here

Limit 200MB per file • PDF

Browse files

Patient_Record.pdf 24.7KB

×

Extracted Text

Text from PDF

...from a myocardial infarction and another brother who is status post coronary artery bypass grafting. The patient had a stress echocardiogram done on July, 2001, which showed no wall motion abnormalities, but this was a difficult study due to body habitus. The patient went for six minutes with minimal ST depressions in the anterior lateral leads, thought due to fatigue and wrist pain, his anginal equivalent. Due to the patient's increased symptoms and family history and history left main disease with total occasional of his RCA was referred for revascularization with open heart surgery."

Analyzing text for medical entities...

Extract Key Clinical Data Automatically

- ◆ Azure AI scans and processes unstructured text
- ◆ Identifies conditions, medications, USML codes, and scores
- ◆ Makes rich, detailed notes searchable and structured

RECORD #333582770390100 | MH | 85986313 | | 054351 | 2/14/2001 12:00:00 AM |
CORONARY ARTERY DISEASE | Signed | DIS |
Admission Date: 5/22/2001 Report Status: Signed Discharge Date: 4/24/2001
ADMISSION DIAGNOSIS: CORONARY ARTERY DISEASE.
HISTORY OF PRESENT ILLNESS: The patient is a 54 -year-old gentleman with a history of progressive angina over the past several months.
The patient had a cardiac catheterization in July of this year revealing total occlusion of the RCA and 50% left main disease ,

Extracted Medical Entities

	Entity Text	Normalized Text	Category	UMLS Code	Confidence Score
0	2/14/2001	-	Date	N/A	1
1	12:00:00 AM	-	Time	N/A	0.99
2	CORONARY ARTERY DISEASE	Coronary Artery D	Diagnosis	C0010054	0.99
3	Admission	-	AdministrativeEvent	C0184661	1
4	5/22/2001	-	Date	N/A	1
5	Discharge	-	AdministrativeEvent	C0030688	1
6	4/24/2001	-	Date	N/A	1
7	ADMISSION	-	AdministrativeEvent	N/A	0.97
8	CORONARY ARTERY DISEASE	Coronary Artery D	Diagnosis	C0010054	1
9	54 -year-old	-	Age	N/A	1

Download Table as CSV

Enable Interoperability Across Systems

- ◆ Output mapped to FHIR for consistency
- ◆ Structured insights flow into existing EHRs
- ◆ Supports integration with downstream care systems

progressive angina over the past several months.
The patient had a cardiac catheterization in July of this year revealing total occlusion of the RCA and 50% left main disease ,

Extracted Medical Entities

	Entity Text	Normalized Text	Category	UMLS Code	Confidence Score
0	2/14/2001	-	Date	N/A	1
1	12:00:00 AM	-	Time	N/A	0.99
2	CORONARY ARTERY DISEASE	Coronary Artery D	Diagnosis	C0010054	0.99
3	Admission	-	AdministrativeEvent	C0184661	1
4	5/22/2001	-	Date	N/A	1
5	Discharge	-	AdministrativeEvent	C0030688	1
6	4/24/2001	-	Date	N/A	1
7	ADMISSION	-	AdministrativeEvent	N/A	0.97
8	CORONARY ARTERY DISEASE	Coronary Artery D	Diagnosis	C0010054	1
9	54 -year-old	-	Age	N/A	1

Download Table as CSV

Ensure Accuracy Where It Matters

- ◆ Define minimum thresholds for extracted data
- ◆ Flag lower-confidence items for clinician review
- ◆ Balance automation with oversight for patient safety

RECORD #333582770390100 | MH | 85986313 | | 054351 | 2/14/2001 12:00:00 AM |
CORONARY ARTERY DISEASE | Signed | DIS |
Admission Date: 5/22/2001 Report Status: Signed Discharge Date: 4/24/2001
ADMISSION DIAGNOSIS: CORONARY ARTERY DISEASE.
HISTORY OF PRESENT ILLNESS: The patient is a 54 -year-old gentleman with a history of progressive angina over the past several months.
The patient had a cardiac catheterization in July of this year revealing total occlusion of the RCA and 50% left main disease ,

Extracted Medical Entities

	Entity Text	Normalized Text	Category	UMLS Code	Confidence Score
0	2/14/2001	-	Date	N/A	1
1	12:00:00 AM	-	Time	N/A	0.99
2	CORONARY ARTERY DISEASE	Coronary Artery D	Diagnosis	C0010054	0.99
3	Admission	-	AdministrativeEvent	C0184661	1
4	5/22/2001	-	Date	N/A	1
5	Discharge	-	AdministrativeEvent	C0030688	1
6	4/24/2001	-	Date	N/A	1
7	ADMISSION	-	AdministrativeEvent	N/A	0.97
8	CORONARY ARTERY DISEASE	Coronary Artery D	Diagnosis	C0010054	1
9	54 -year-old	-	Age	N/A	1

Download Table as CSV

Smarter Notes, Better Care

**Save Time**

Automate transcription
and coding

**Improve Accuracy**

Reduce errors with AI-driven
entity recognition

**Enable Interoperability**

Structured outputs flow into
EHRs and analytics

Microsoft Cloud for Healthcare + Azure AI

- ◆ Transform unstructured notes into actionable data — delivering stronger outcomes and a smarter future for care. 📧
Contact us today to get started.
- ◆ 📧 Contact us today to get started.

Want to know more?

Contact Us!

DynaTech Systems has proudly served clients seeking advanced tech solutions across the globe with top-notch precision and excellence.



Locations

USA, Canada, UK, India



Mail Us

sales@dynatechconsultancy.com



Phone

+1 844 787 3365



Visit Our Website

www.dynatechconsultancy.com