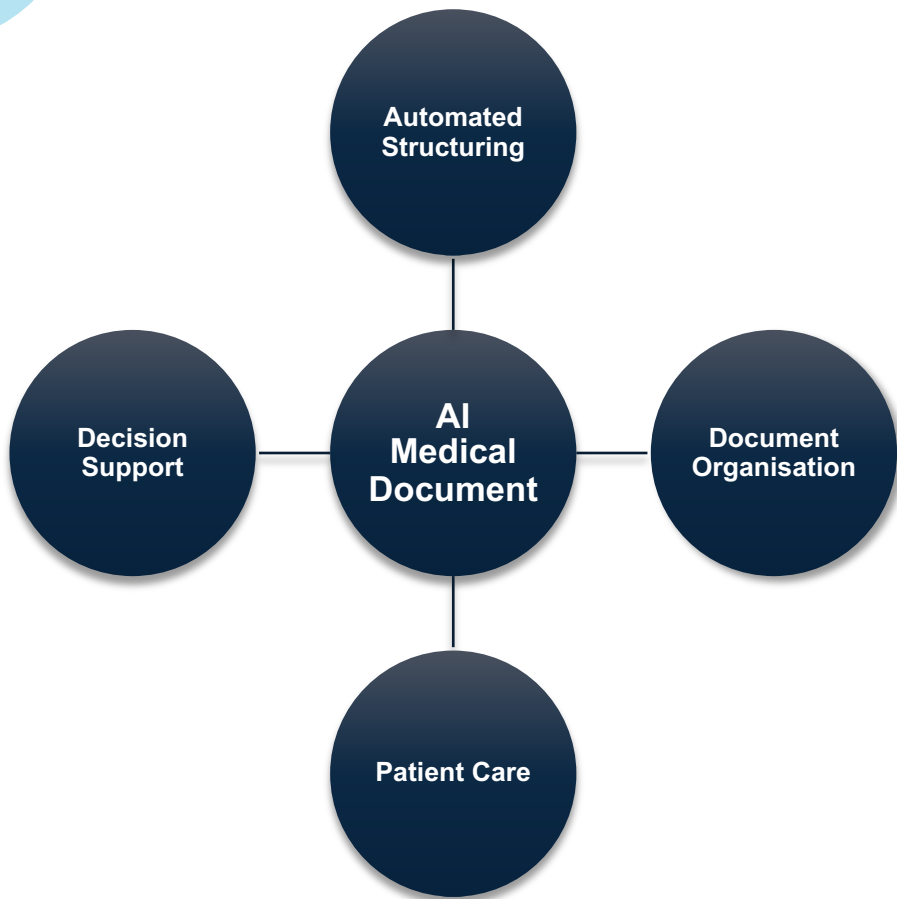


# AI-Powered Medical Document Management

Streamline Healthcare Documentation

*January 2026*

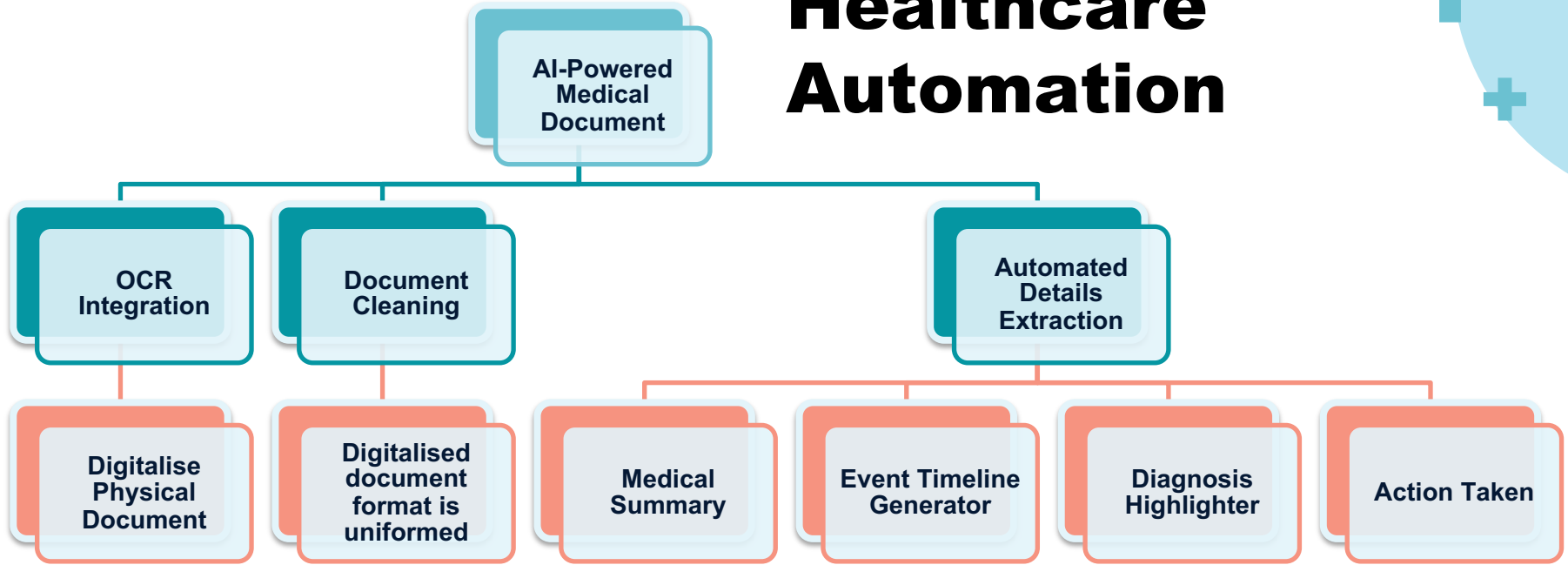




# Structured Care

AI-Powered Medical Document Management changes how facilities handle patient records by using automation and intelligent structuring. It organizes complex documents into clear, consistent formats, making decisions easier and helping improve the quality of patient care.

# Healthcare Automation



This AI-powered tool digitizes medical documents with OCR, standardizes formats, and automatically extracts key details. It creates clear summaries, treatment timelines, highlights diagnoses with prescribed medications, and tracks provider actions and making medical information easier to access, understand, and use efficiently.

# Adaptive Records

## Medical Documents List

Medical Documents List

### Medical Document List

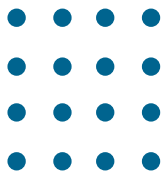
Access, manage, and review all patient medical documents securely in one place.

DOCUMENT TITLE	NAME	FIRST HOSPITAL VISIT	ACTION
CT Scan Reports	Rekha Rani	17-08-2006	<a href="#">View Details</a>
CECT Abdomen	Baljinder Kaur	30-05-2020	<a href="#">View Details</a>
CT Scan Report	Mrs. Poonam	02-02-2010	<a href="#">View Details</a>
EXAMINATION WHOLEBODY FDG PET-CT SCAN	Prabha Rajvanshi	14-08-2008	<a href="#">View Details</a>
KAMALA NEHRU MEMORIAL HOSPITAL ALLAHABAD-211002 PATHOLOGY DEPARTMENT	Rajendra Nath Mishra	06-09-2011	<a href="#">View Details</a>
Contrast Enhanced 18F-FDG Whole Body PET-CT Scan	MRS. PRIYANKA NATH	31-05-2018	<a href="#">View Details</a>
CT Scan Upper Abdomen (CECT Study)	Smt. Radhika Devi		<a href="#">View Details</a>
CT Whole Abdomen Contrast-CT	SARITA PAL	19-09-2019	<a href="#">View Details</a>
INVESTIGATION REPORT	Mr.SUNIL DATT	24-03-2012	<a href="#">View Details</a>
LABORATORY INVESTIGATION REPORT	PRASHANT	11-06-2007	<a href="#">View Details</a>
BILATERAL MAMMOGRAM		02-07-2008	<a href="#">View Details</a>

Request access to edit this app

[Request Sent](#)

The tool supports a wide variety of medical documentation types, making it highly flexible and adaptable to different healthcare needs.

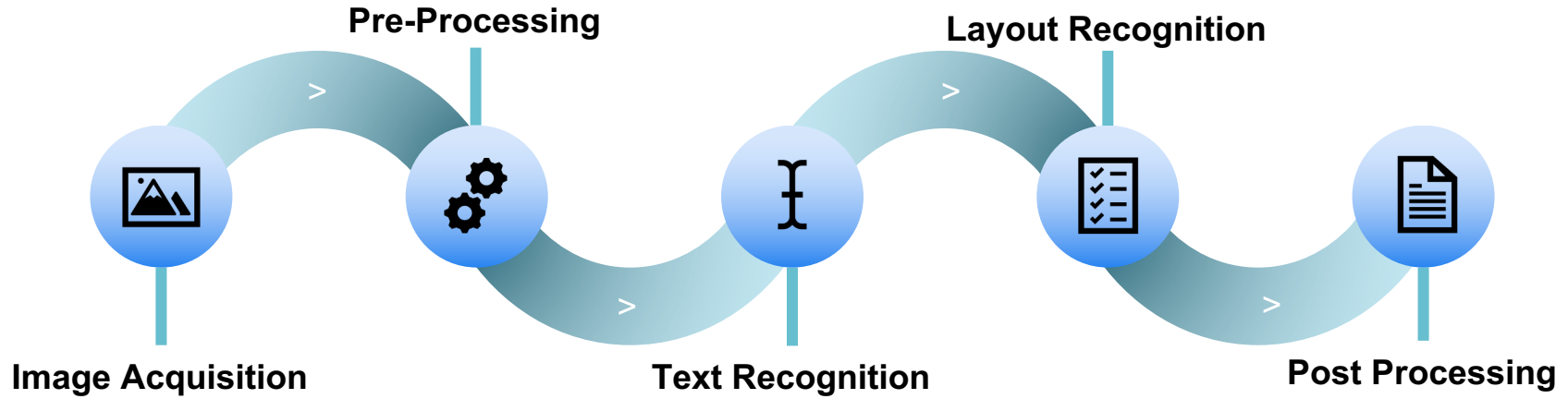


**01**

# **Record Preservation**



# Digital Precision



AI-powered system transforms paper medical documents into secure digital records, eliminating manual data entry and reducing errors. Providers gain faster access to accurate patient information, with critical details made searchable and easily shared across systems saving time while improving efficiency, security, and continuity of care.

AI automatically scans physical medical documents and converts them into precise digital text. With advanced character detection, it reduces errors and organizes information into reliable, searchable formats—making data easy to access and seamlessly usable across medical systems.

# Accurate Conversion

The screenshot displays the eBdesk application interface, which facilitates the conversion of physical medical documents into digital text. The top section, titled "Original Data", shows a comparison between "Raw Documents" (Unprocessed sources) and "Cleaned Documents" (Smart Preprocessed). Below this, two side-by-side views of a medical document are shown. The left view is a scanned image of a document from the Rajiv Gandhi Cancer Institute and Research Centre, dated 23-01-2012. The right view is the same document after being processed by eBdesk, showing a clean, structured digital format. The processed document includes fields for patient information (CR Name, Referred Doctor, Corporate, Sample On), laboratory details (CR No, CRP/D, Ward, Report On, Biopsy No), and a detailed histopathology report. The report includes a gross examination (HYPERCELLULAR HARMON WITH ~80-90% CELLULARITY SHOWING MYELOID AND MEGAKARYOTIC PREPREDOMINANCE) and a microscopic examination (HYPERCELLULAR HARMON WITH ~80-90% CELLULARITY SHOWING MYELOID AND MEGAKARYOTIC PREPREDOMINANCE). The report is signed by Dr. Mohan Kumar Ramesh, dated 23-01-2012. The interface also includes a "Request access to edit this app" button and a "Request Sent" button.

**Original Data**

Medical Details > Original Data

Original Data | Extracted Raw Data | Details

**Original Data**

Raw Documents (Unprocessed sources) → Cleaned Documents (Smart Preprocessed)

**DEPARTMENT OF PATHOLOGY**

**CR Name** : MRS. MANI BHATIA **CR No** : 139799 **Age/Sex** : 27/Female  
**Referred Doctor** : Dr. Dinesh Bhurani **CRP/D** : IPO **LP. NO.** : 128P17017  
**Corporate** : ROCI PRIVATE 2012 **Ward** : SEMI PVT DLX **Bed** : 2367-BDX  
**Sample On** : 23-01-2012 **Report On** : 23-01-2012 04:23 pm **Biopsy No** : B -

**DEPARTMENT OF PATHOLOGY**

**BIOPSY NO: B/290/2012**  
**SPECIMEN SOURCE** : HARMON BIOPSY.

**GROSS EXAMINATION** : SINGLE BODY CORE MEASURES 2.0cm (LTS).

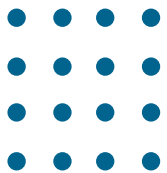
**MICROSCOPIC EXAMINATION** : HYPERCELLULAR HARMON WITH ~80-90% CELLULARITY SHOWING MYELOID AND MEGAKARYOTIC PREPREDOMINANCE. SO UNSPECIFIC FOCUS OF THIS INVOLVEMENT IS NOTED.

**OPINION** : UNINVOLVED BONE MARROW BIOPSY. CORRELATE CLINICALLY.

**Clinical Interpretation if any** :  
Verified By: DR MOHAN KUMAR RAMESH  
Signature: DR MOHAN KUMAR RAMESH  
23-01-2012 04:28 pm

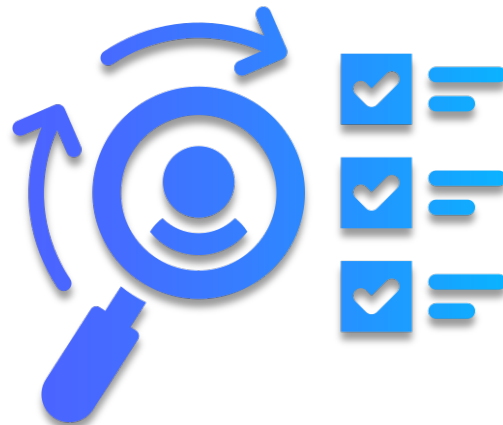
**Request access to edit this app** **Request Sent**

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# 02

## Data Refinement





# Data Consistency

AI standardizes medical records into a clear, uniform format that systems can easily interpret. This enables accurate extraction, clear summaries, and consistent information across document supporting reliable analytics and stronger healthcare decisions.

**Extracted Raw Data**

Medical Details > Extracted Raw Data

Original Data | Extracted Raw Data | Details

**Extracted Data**

Preprocessed Documents → Cleaned Documents

**RAJIV GANDHI CANCER INSTITUTE AND RESEARCH CENTRE**  
(Unit of Indraprasth Cancer Society & Research Centre)  
Sector-V, Rohini, Delhi - 110 085  
Tel: 47022232 (20 LINES), 27051011-1015 Fax: 91-11-27051037

CR Name	MRS.MANSI BHATIA	CR No	139799	Age/Sex	27/Female
Referred Doctor	Dr. Dinesh Bhurani	OPD/IPD	IPD	LP. NO.	120P117017
Corporate	RGCI PRIVATE 2012	Ward	SEMI PVT DLX	Bed	2357-SDX
Sample On	23-01-2012	Report On	23-01-2012 04:23 pm	Biopsy No	B -

**DEPARTMENT OF PATHOLOGY**

BIOPSY NO: B/390/2012  
SPECIMEN: BONY MARROW BIOPSY.

GROSS EXAMINATION: SINGLE BONY CORE MEASURES 2.0cm (HTL).

MICROSCOPIC EXAMINATION: HYPERCELLULAR MARROW WITH ~80-90% CELLULARITY. CENTER INVOLVED BY MEGAKARYOCYTIC PREPONDERANCE.  
NO UNEQUIVOCAL FOCUS OF MDS INVOLVEMENT IS NOTED.

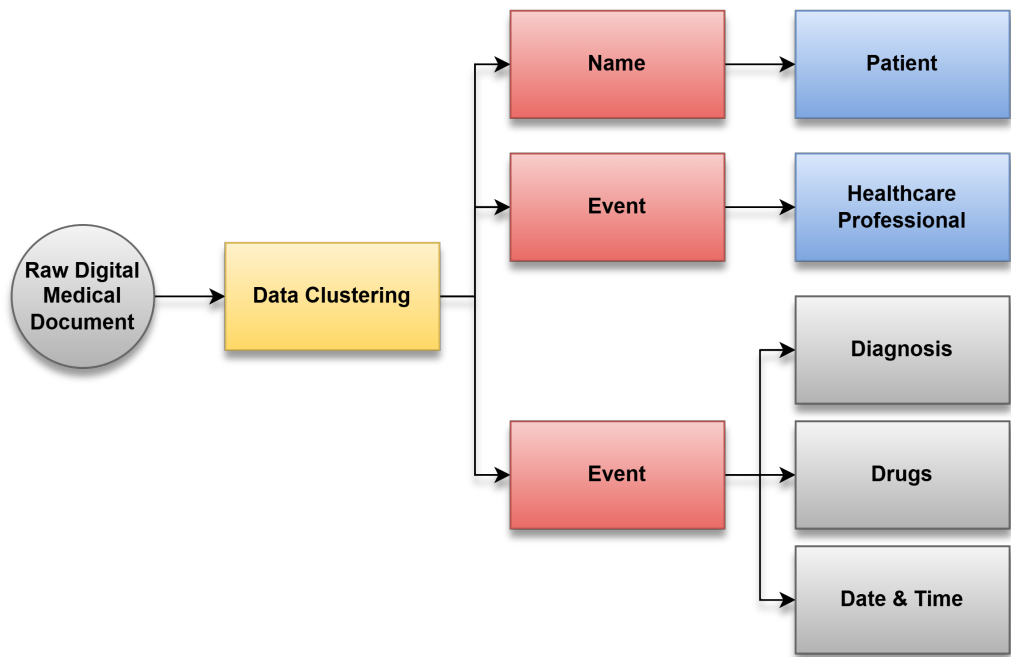
OPINION: UNINVOLVED BONY MARROW BIOPSY.  
CORRELATES CLINICALLY.

Clinical Interpretation if any:

Jack  
SO901  
SO1401  
CERNO0309  
RAJIV GANDHI CANCER INSTITUTE AND RESEARCH CENTRE  
(Unit I Indraprasth3 Cancr Sociey & Research Centre  
Sector-V.Rohini/Delhi-110 085  
Tel.:470222230(LINES),27051011-1015Fax:91-11-27051037  
CR Name  
MRS.MANSI BHATIA  
CRNo  
139799  
Aae/Sex  
ctor  
Dr.Linesn Bhurani

Request access to edit this app Request Sent

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# Data Interpretation

The system uses information clustering and field detection to identify key details like names of the patients and the attending medical professionals, healthcare institution visited by the patients, and other crucial details to ensure documents are structured, consistent, and easy to interpret.

# Reliable Extraction

By clustering information and detecting extracted fields, documents become more structured and consistent.

This reduces manual filing effort, minimises errors, and ensures accurate data extraction, ultimately improving summarisation and making analytics more reliable.

## Information Clustering

Field Ditection

Pattern Linkage

## Error Minimisation

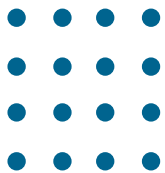
Structured Record

Accurate Extraction

## High Accuracy

Better Summarisation

Reliable Analytics



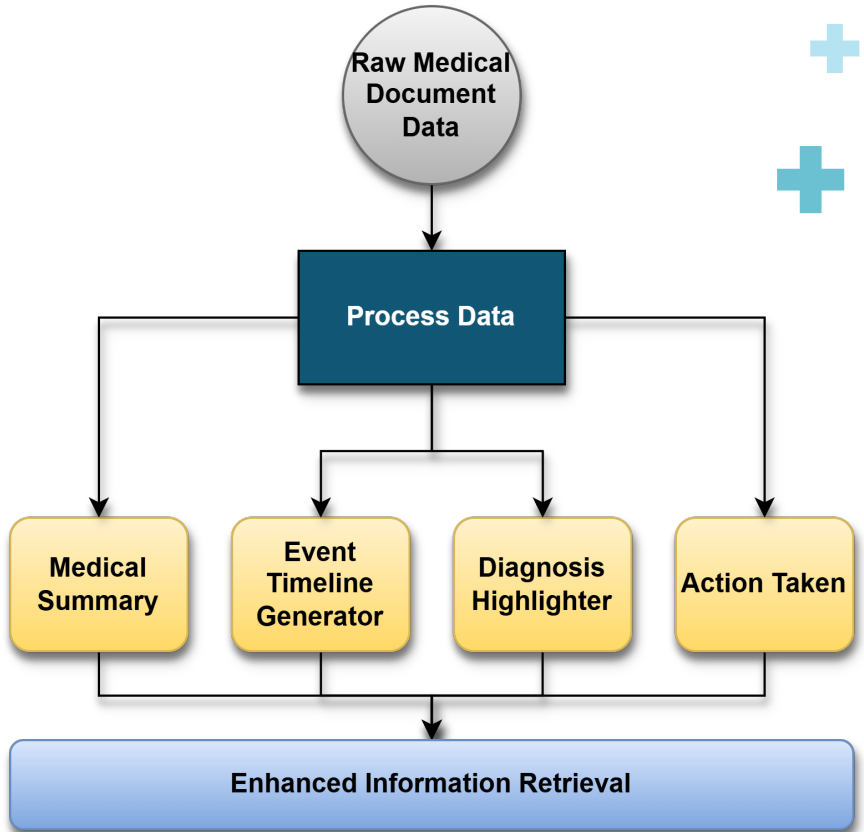
**03**

# **Instant Information Delivery**




# Clear Access

AI organizes extracted data into a uniform, structured format that makes medical records easy to understand. This enhances communication between documents and healthcare professionals, ensuring clarity, accuracy, and efficient access to patient information.



# Quick Summary

AI automatically transforms extracted data into clear medical summaries. For example, condensing CT scan reports into structured context. This lets practitioners grasp key findings at a glance, saving time and improving efficiency in patient care..

 **CT Scan Reports**

NAME

Rekha Rani

Age

27 Years Old

Sex

Female

First Hospital Visit

17-08-2006

DIAGNOSIS

Hodgkin's Lymphoma recurrence

Summary Background

"Patient with history of Hodgkin's Lymphoma undergoing chemotherapy. Follow-up CT scans for recurrence assessment. Multiple scans conducted between 2006-08-17 and 2007-08-09, showing lymph node enlargement in various regions. No evidence of pleural effusion or parenchymal lesions. Normal organ structures in most cases. Clinical correlation advised for definitive diagnosis."

Summary Conclusion

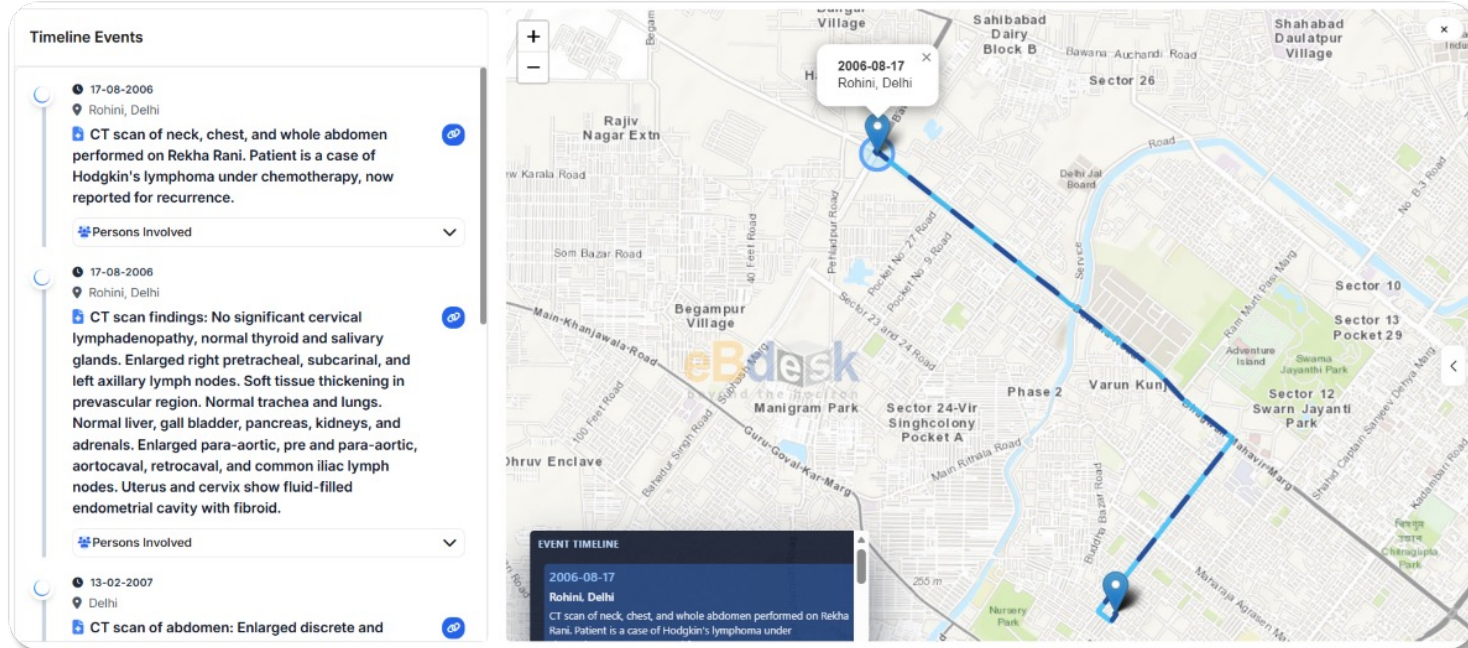
Recurrence of Hodgkin's Lymphoma observed in the abdomen, chest, and neck regions. No significant abnormalities in the lungs, pleura, or mediastinum. Abdominal lymphadenopathy noted. Follow-up required for clinical correlation.

FINDINGS

Hodgkin's Lymphoma recurrence

# Patient Timeline

AI constructs clear timelines of a patient's case by organizing records in chronological order. It highlights past treatments, care locations, and medical events, making histories easy to follow and helping healthcare professionals track progress with clarity and accuracy.



# Case Clarity

AI organises patient records into a clear chronological view, making case progression easy to follow. Past treatments can be quickly cross-checked, and communication between medical documents and healthcare professionals becomes more accurate and efficient.

AI-Powered Medical Document Management	Aspect	Conventional File Manager System
Chronological timeline highlights patient's treatment journey clearly	Case Progression	Case progression is fragmented, harder to trace
Easy to verify past treatments and actions taken	Cross-checking Past Treatments	Risk of overlooking or duplicating treatments
Enhances clarity between records and healthcare professionals	Communication	Miscommunication or gaps in understanding patient history



# Diagnosis Highlight

AI automatically highlights key details such as a patient's last visit, prescribed medications, and corresponding diagnoses. It also records the actions taken for each case, giving healthcare professionals a clear, structured view of patient history and treatment decisions at a glance.

**RAJIV GANDHI CANCER INSTITUTE AND RESEARCH CENTRE**  
Sector-V,Rohini,Delhi-110085

First Visit  
17-08-2006

Last Visit  
17-08-2006

LAB RESULTS

Element	Result
---------	--------

DRUGS REGISTERED

Chemotherapy — Treat Hodgkin's Lymphoma

DIAGNOSIS

Hodgkin's Lymphoma recurrence

Details & Actions

2006-08-17

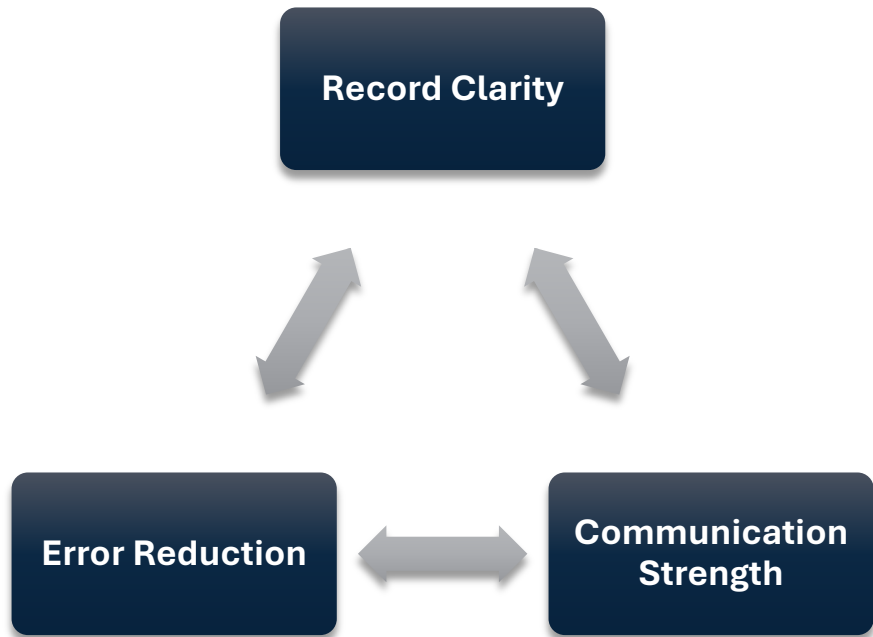
CT Scan of Neck, Chest and Whole Abdomen

CT examination performed after oral and I/v contrast administration. A case of Hodgkins lymphoma 199g, Underwent chemotherapy.Now reported for recurrence)

— Referral by Dr. Harit Chaturvedi for FDG PET-CT study

☒ Neck: Nasopharynx, oropharynx and hypopharynx are normal. Larynx is normal. No significant cervical lymphadenopathy is seen. Thyroid and major salivary glands are normal. Left sternomastoid inferior end shows presence of air -post biopsy procedure. A new beginning. Chest: Enlarged right pretracheal lymph node (image 4/7) & subcarinal lymph node (image 4/12) and left axillary lymph nodes (image 4/9) are seen. Soft tissue thickening is seen in prevascular region (image 4/9). Trachea and main stem bronchi are normal. Both lungs are normal. No evidence of pleural/pericardial effusion is seen. Abdomen: Liver is normal. No focal lesion/dilated lhbR are seen. Gall bladder, spleen, pancreas, both kidneys and adrenals are normal. From the level of coeliac axis artery enlarged confluent & some discrete. Pre and paraaortic, aortocaval & retrocaval & common iliac lymph nodes are seen displacing the coeliac artery and renal vessels and extending upto iliac vessel bifurcation. Bilateral external iliac lymph nodes are also enlarged. Urinary bladder is normal. Uterus and cervix are bulky and shows a fluid filled endometrial cavity. Heterogenously enhancing posteroinferior region- Fibroid (Suggest-UsG correlation).

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beyond the horizon

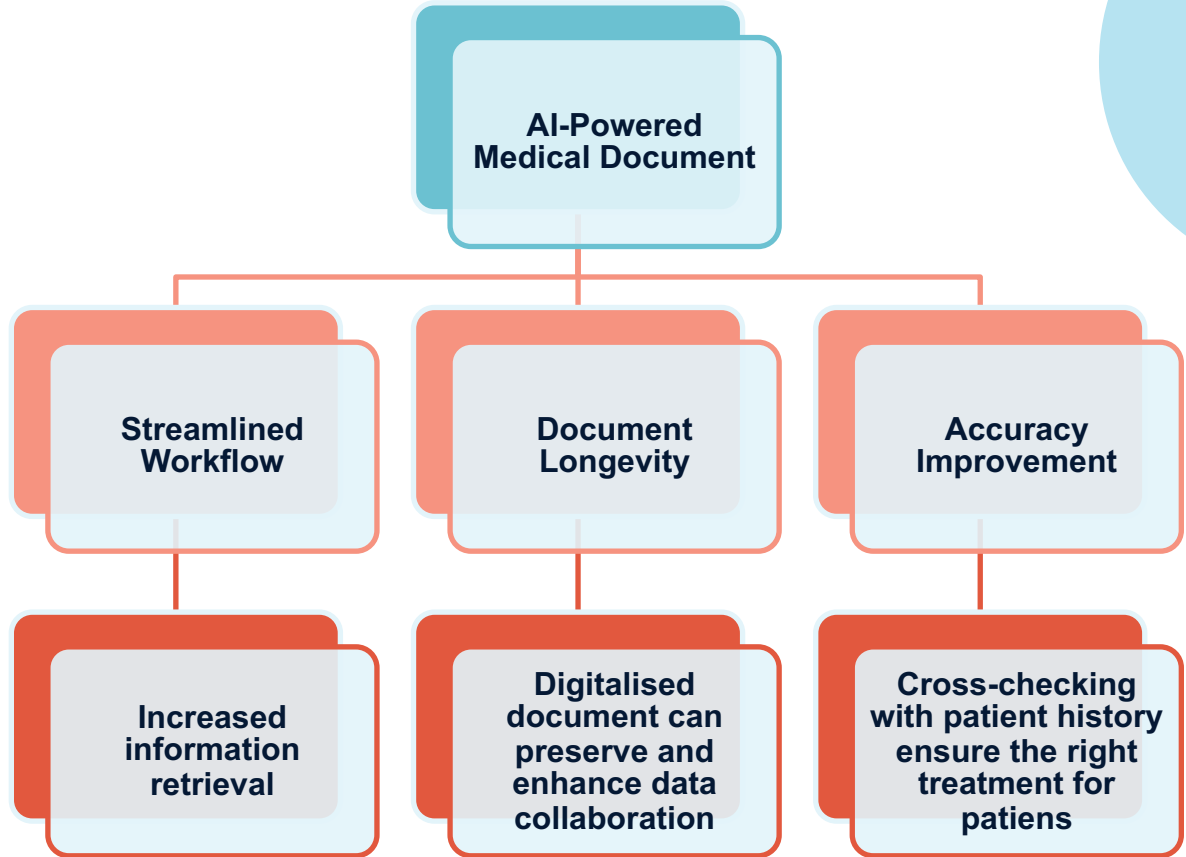


# Structured Care

AI creates a clear, organized view of medical records, making them easier to understand and improving communication between documents and healthcare professionals. By linking treatments directly to diagnoses, it ensures continuity of care, reduces errors, saves time, and enhances the accuracy of clinical decision-making.

# Smart Workflow

AI streamlines healthcare operations by structuring records, highlighting diagnoses, and presenting clear case timelines. This balance of automation and clarity improves accuracy, enhances communication among professionals, and enables faster, more confident patient care decisions.



**Thank You**

