

**Rx.AI**

**Smarter Prescriptions  
using AI**

unthinkable  **APES**



## Digitised Prescriptions

**Reynaldo O. Joson, M.D.**  
**MANILA DOCTORS HOSPITAL**  
 Suite 301, Medical Arts Center, U.N. Avenue Ermita, Manila  
 Telephone # 524-30-11 Loc 4100; 522-47-13

Mr. Joson, 2 Mr. Joson Date 12-6-2014  
 561F  
 Concern: Neck mass - noted 2 wks ago  
 no pain

Physical Exam Findings (Neck):

⇒ Thyroid Mass  
 Right Lobe

① no pain  
 more w/ swallowing  
 feels solid / firm

② no tenderness  
 no redness

Options for further Diagnostic Tests:  
 Biopsy, FNAC, CT Scan, MRI, PET Scan, Ultrasound, Fine Needle Aspiration (FNA), Thyroid Function Tests (TFT), etc.

③ Biopsy, needle  
 Biopsy

④ Ultrasound  
 Thyroid gland

⑤ FNAC  
 Indicated

⑥ CT Scan  
 Indicated

⑦ MRI  
 Indicated

⑧ PET Scan  
 Indicated

Thyroid Disorder  
 Functional Structure  
 Hormonal

Masses  
 Cancer  
 Not cancer

Hypo + No symptoms  
 = For now: Normal

R. Joson, M.D.



**Dr. Anandibai G Joshi**

**MBBS, M.D. Medicine**

**Consultant Surgeon**

Sagar Hospital, Jayanagar 4th block, Bangalore - Swagath Road, SR Krishnappa Garden,  
 Hombegowda Nagar [Get Directions](#)

☎ 08942888888 📍 Next: Mon 8:00 AM

**K L Ravi Kumar - 60 Years - Male**

**Complaints** Cough with fever x 5 days

**Vitals**

Pulse Rate: 90 bpm Pulse Pattern: Regular  
 BP: 146/88 mmHg Resp Rate: 22 cycles/min  
 Resp Pattern: Regular Temp: 38 Celsius  
 SpO2: 98 % RBS: 110 %

**Examination** B/L Ronchi +

**Diagnosis** Fever for evaluation

**Rx**

**1. Augmentin 625 Duo Tablet**

Amoxycillin (500mg) + Clavulanic Acid (125mg)

1 tablet - 0 - 1 tablet for 5 Days

Instructions: Take on empty stomach

**2. Crocin Advance Tablet**

Paracetamol (500mg)

1 tablet when required for 5 Days

Instructions: After food

**3. Zivix-C Chewable Tablet**

Vitamin C (400mg) + Zinc Sulfate (75mg)

1 tablet - 0 - 0 for 14 Days

**Investigations**

**1. CXR P/A View**

**2. CBC, LFT, RFT, Urine routine & microscopy**

Components: Complete Blood Counts, Liver Function Tests, Renal Function Tests, Urine routine & microscopy

Instructions: Empty stomach sample is not necessary.

**3. COVID-19 RT PCR**

**Advice** Review with reports

## Going Beyond Digitised Prescriptions



Hi Shivam,  
My New Patient

Hi Dr Nikhil,

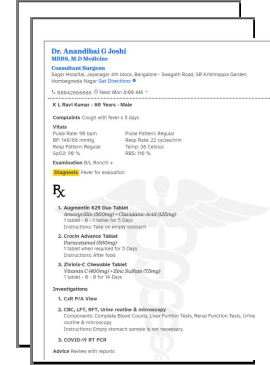


## Going Beyond Digitised Prescriptions

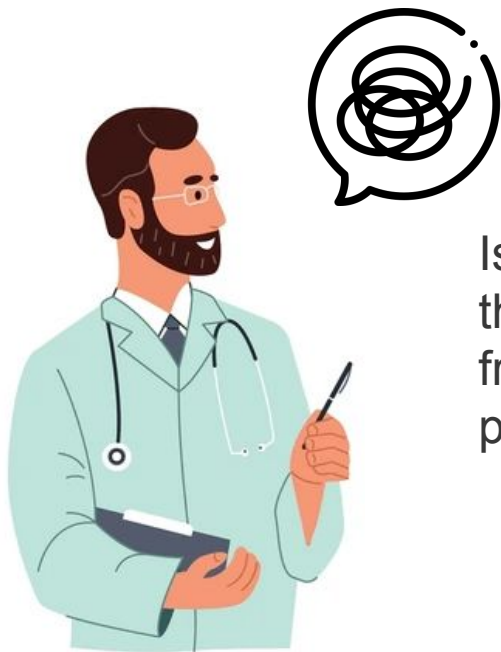


Oh Nooo, Shivam  
has a long medical  
history

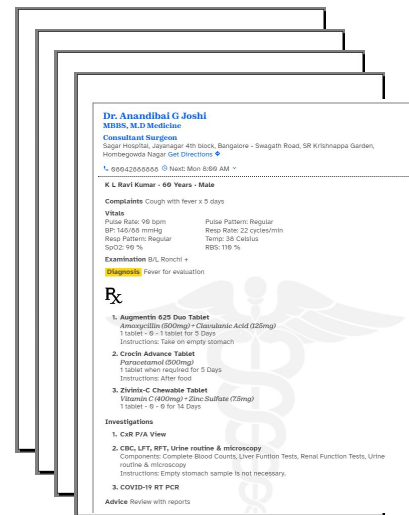
Is there a way to  
get insights on  
patient's medical  
past?



## Going Beyond Digitised Prescriptions



Is there a way to just get the relevant prescriptions from this pile of prescriptions?



## Going Beyond Digitised Prescriptions



Is there a way to just create prescriptions with ease?

**Dr. Anandihal G Joshi**  
MBBS, M.D. Medicine  
Consultant Surgeon  
Sagar Hospital, Jayanagar 4th block, Bangalore - Swagath Road, SR Krishnappa Garden,  
Hortegowada Nagar Set-2/Chowdaiah ☎  
☎: 9991255552 ☎: Near Mon-8:55 AM ☎

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**K L Ravi Kumar - 40 Years - Male**  
Complaints: Cough with fever x 3 days

**Vitals**  
Pulse Rate: 98 bpm      Pulse Pattern: Regular  
BP: 140/90 mmHg      Resp Rate: 22 cycles/min  
Resp Pattern: Regular      Temp: 38 Celsius  
SpO2: 98 %      RPO: 100 %

**Examination** B/L, Rorchi +

**Diagnosis** Fever for evaluation

**Rx**

- Augmentin 625 Duo Tablet**  
Amoxicillin (500mg) + Clavulanic Acid (125mg)  
1 tablet - 6 - 1 tablet for 5 Days  
Instructions: Take on empty stomach
- Crocin Advance Tablet**  
Paracetamol (500mg)  
1 tablet when required for 5 Days  
Instructions: after food
- Zincit-C Chewable Tablet**  
Vitamin C (400mg) + Zinc Sulphate (75mg)  
1 tablet - 6 - 12 for 14 Days

**Investigations**

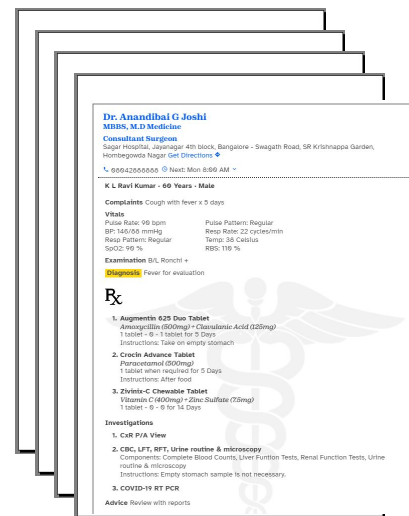
- CxR P/A View**
- CBC, LFT, RFT, Urine routine & microscopy**  
Components: Complete Blood Counts, Liver Function Tests, Renal Function Tests, Urine routine & microscopy  
Instructions: Empty stomach sample is not necessary.
- COVID-19 RT-PCR**

**Advice:** Review with reports

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# How to create personalised Prescriptions?



**Demo Time!**







**Doctor  
Happy**



**Patient  
Profiler**



**Prescription  
Organiser**



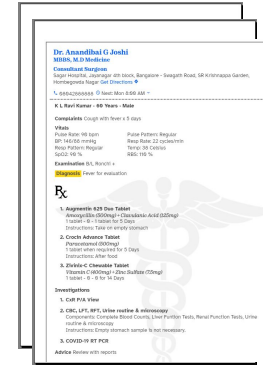
**Voice Assisted Prescription  
Maker**



progress

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I can't find my  
prescriptions on  
time



## Patient Shivam



progress

## Patient's Dilemma

I can't find my  
prescriptions on  
time

I want lifestyle  
advices

Dr. Anandilal G Joshi  
MBBS, M.D. (Internal)  
Consultant Surgeon  
Surge Hospital, 100/101, 102/103, Bangalore - 560001, 104 Anandilal Joshi  
Hortegrounds Surge Unit Director #  
L. 08442000000, F. 08442000000

**1. Patient Name:** Mr. Shivam Joshi

**Complaints:** Cough with sputum x 3 days

**Vitals:**  
Pulse Rate: 98 bpm, Pulse Pattern: Regular  
BP: 140/80 mmHg, Resp Rate: 22 cycles/min  
Temp: 38.5°C, SpO2: 95%, Hb: 150 g/L

**Examination:** CX, RBC x  
**Investigation:** Refer for evaluation

**Rx**

**1. Acute Care Plan**  
Amoxicillin 500mg - 1000mg Oral Biding  
Vitamin C - 1000mg for 5 days  
Instructions: Take oral amoxicillin

**2. Chronic Disease Plan**  
Inhalation therapy  
Instructions: After food  
1 puff after inhalation for 10 days

**3. Lifestyle Change Plan**  
Vitamin C 1000mg - 1000mg Oral Biding  
Vitamin C - 1000mg for 5 days

**Investigation**

**1. Full Pk Test**  
2. CBC, LFT, RFT, Urine routine & microscopy  
3. Complete Blood Count, Liver Function Tests, Renal Function Tests, Urine  
routin & microscopy  
4. Urine culture & sensitivity  
5. COVID-19 RT-PCR

**Advice:** Review with reports



**Patient  
Shivam**



progress



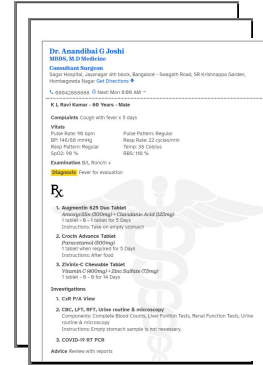
## Patient's Dilemma

I can't find my  
prescriptions on  
time

I want to  
understand & get  
affordable  
treatment

I want lifestyle  
advices

I want to know  
which doctor I  
should reach out  
to



**Patient  
Shivam**



progress

**Demo Time!**



progress



## Solution Summary

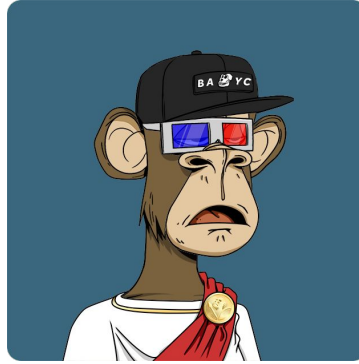
Build 9+ AI Widgets to Solve Prescription Management, Patient Analysis, Prescription Analysis, Prescription Creation, Lifestyle Recommendations, Generic Medicines suggestions, Medicine Insights, Finding Doctor etc.

Developed Reusable Modules/Boiler Plates for Document Organiser, Insights Creation, Audio to text etc.



progress





## Team Behind

unthinkable  APES

Akaspreet  
Shivam  
Shivam Yadav  
Prakhar Atre  
Ashish Agarwal  
Mayank Soni