

CLINIC WITHOUT WALLS



1 **DIAGNOSTICS IN THE BAG**
Mobile LAB and IMAGING

2 **AI FOR PATIENT TRIAGE**
No diagnostic errors

3 **INTEGRATION WITH TELEHEALTH**
Enabling remote patient care

4 **WORKFLOWS**
Decentralized trials and in-home clinical care

5 **TRAINING AND SUPPORT**
Enabling you to get the most out of your mobile lab

Diagenta®



70% of medical decisions depend on lab and imaging results

CONCIERGE
MEDICINE

HOME HEALTH

SPECIALTY
CLINICS

CLINICAL TRIALS
CROs/Drug
Developers

- NO ONSITE RAPID LAB/IMAGING
- NO ON-DUTY PHYSICIANS AFTER HOURS
- NO SEAMLESS MEDICAL DATA INTEGRATION

Rapid hospital-grade
diagnostics anytime
anywhere?!



Integrated Platform for Rapid Diagnostics & Teleconsultations



Deployed by staff or patients themselves

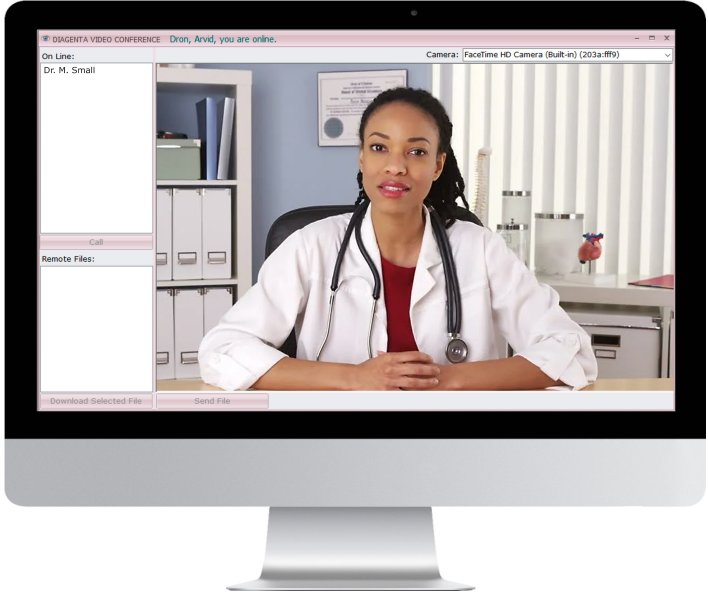
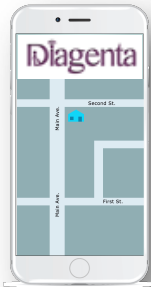
- No-phlebotomist blood collection
- No-lab tech samples processing
- Zero sample logistics
- Results in 15 min 24/7/365
- Unified platform for all sites

Advanced Capabilities:

- Remote physical exams and tele-consultations
- Hospital-grade ECGs
- POC ultrasound imaging
- Continuous patient monitoring

Key components of the platform

Patent pending # 18/363,838



DiaBag[®]

IN-HOME DIAGNOSTIC SYSTEM deployed by a visiting nurse

DiaApp[®]

PATIENT- NURSE - PHYSICIAN COMMUNICATION APP

DiaLogic[®]

DATA & KNOWLEDGE CENTER

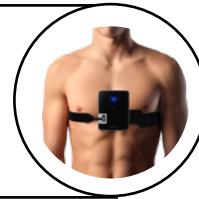
Diagenta enables care in the comfort and safety of home

Diagnostics

Remote physical examination:
vitals, digital auscultation,
video-monitoring



12-lead ECG, BP &
Holter monitoring



Blood and Urine tests:
CBC, CMP, UA, Lipids, Renal,
Liver Panels, Hormones, Swabs

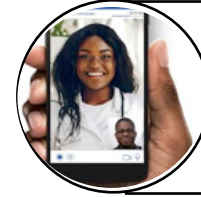


All body parts Ultrasound



Treatment

On-line doctor's consultation



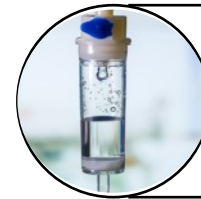
Prescriptions and re-fills



International second opinion




At-home IV-treatment



Module1: Diagnostic Equipment Central Hub

WAITING FOR COMPLETE BLOOD COUNTER TEST RESULTS




10

Loading...

Cancel

Waiting for Piccolo Data




200

Waiting...

Cancel

Diagenta ECG Report



Scale: 30% | Page: 1 of 1 | Date & Time: 5/17/2022 1

THOMAS A. SAWER'S COMPLETE BLOOD COUNT - All CBC Tests Patient ID: 1

DIAGENTA MEDICAL RECORDS

COMPLETE BLOOD COUNT

- All CBC Tests
- White Blood Cells Count
- Red Blood Cells Count
- Hemoglobin
- Hematocrit
- Mean Corpuscular Volume
- Mean Corpuscular Hemoglobin Concentration
- Mean Corpuscular Hemoglobin
- Red Cell Distribution Width
- Platelets
- Mean Platelet Volume
- Segmented Neutrophil Count
- Lymphocyte Count
- Monocytes Count
- Eosinophils Count
- Basophils Count
- Segmented Neutrophil %

Test Name	Value	Level	Normal Range	Units
Basophils %	0		0 / 2	%
Basophils Count	0		0 / 125	cells/mm ³
Eosinophils %	1.6		0 / 8	%
Eosinophils Count	0.11	▼	0.3 / 6	cells/mm ³
Hematocrit	33	▼	36.9 / 50.4	%
Hemoglobin	11.4	▼	12.3 / 17.5	mg/dL
Lymphocyte %	42.2		15 / 49	%
Lymphocyte Count	2.95		1 / 3.5	10 ³ /mкл
Mean Corpuscular Hemoglobin	28.7		27 / 31	pg
Mean Corpuscular Hemoglobin Concentration	34.6		33 / 37	g/dL
Mean Corpuscular Volume	83.1		80 / 97	—
Mean Platelet Volume	9.66		8.9 / 11.8	fL
Monocytes %	6		0 / 13	%
Monocytes Count	0.42		0.04 / 0.9	cells/mm ³
Platelets	199		140 / 390	1000/mm ³
Red Blood Cells Count	3.97		3.8 / 5.8	10 ⁶ /mкл
Red Cell Distribution Width	12.4		11.6 / 14.8	%
Segmented Neutrophil %	50.2		38 / 80	%
Segmented Neutrophil Count	3.51		2 / 7	10 ³ /mкл
White Blood Cells Count	7		3.5 / 11	10 ³ /mкл

5/22/2023 12:21:43 PM

6/7/2022 10:17:36 PM

6/7/2022 10:09:02 PM

6/5/2022 11:57:05 PM

6/5/2022 5:25:11 PM

5/31/2022 10:06:34 PM

5/23/2022 2:07:56 PM

2/27/2022 11:40:13 PM

2/27/2022 3:41:52 PM

2/27/2022 3:40:51 PM

4/24/2021 3:36:00 PM

New Test

Close

Module 2: Customizable EMR with E-prescriptions & Telehealth

CREATE APPOINTMENT DIAGENTA MEDICAL RECORDS

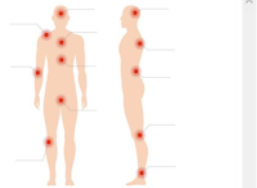
Date: Time: Reason:
 Visiter: MD
 Prescriber:
 Selected patient:

Appointment Address
 Street:
 City: State: Zip:

Search by last name:

Last Name	First Name
Doe	John

Chief Complaints



DIAGENTA VIDEO CONFERENCE Camera: HP TrueVision HD Camera

On Line: Doctor Patel




Call

Remote Files:

TEMP	100
BP	109-80
RR	13
HR	82
WT	135
HT	5' 5"
SpO2	88
BMI	22.5

DIAGENTA MEDICAL RECORDS

Dates (mm/dd/yyyy): 05/17/2022

SUBJECTIVE: Review of Systems

OBJECTIVE: **CONSTITUTIONAL**
 Fever
 Night sweats
 Weight loss

ASSESSMENT: **HEENT**
 Epistaxis
 Globus sensation

PLAN: **DERMATOLOGIC**
 Within Normal Limits

ENDOCRINE
 Within Normal Limits

CARDIOVASCULAR
 Within Normal Limits

PULMONARY
 Within Normal Limits

GI
 Within Normal Limits

GU
 Within Normal Limits

MUSCULOSKELETAL
 Within Normal Limits

NEUROLOGIC
 Within Normal Limits

PSYCHIATRIC
 Within Normal Limits

Additional Description

PHYSICAL EXAM: **EXTREMITIES**
 red painful papular rash on fingers and toes

EXTREMITIES
 red painful papular rash on fingers and toes

HEAD
 Normocephalic

EYES
 PERRL, EOML. Fundi normal, vision is grossly intact

THROAT
 Oral cavity and pharynx normal. No inflammation, swelling, exudate, or lesions. Teeth and gingiva in good general condition

EARS
 Ears is fine

NECK
 Neck supple, non-tender without lymphadenopathy, masses or thyromegaly

CARDIAC
 Normal S1 and S2. No S3, S4 or murmurs. Rhythm is regular. There is no peripheral edema, cyanosis or pallor. Extremities are warm and well perfused. Capillary refill is less than 2 seconds. No carotid bruits

LUNGS
 Clear to auscultation and percussion without rales, rhonchi, wheezing or diminished breath sounds

ABDOMEN

TEMP 100
 BP 109-80
 RR 13
 HR 82
 WT 135
 HT 5' 5"
 SpO2 88
 BMI 22.5

DIAGENTA MEDICAL RECORDS

Dates (mm/dd/yyyy): 08/22/2021, 09/01/2021

SUBJECTIVE: Search by content in all diseases list

OBJECTIVE: Type to find: infec

ASSESSMENT: **H9403** Acoustic neuritis in infectious and parasitic diseases classified elsewhere, bilateral

PLAN: **H9402** Acoustic neuritis in infectious and parasitic diseases classified elsewhere, left ear
H9401 Acoustic neuritis in infectious and parasitic diseases classified elsewhere, right ear
H9400 Acoustic neuritis in infectious and parasitic diseases classified elsewhere, unspecified ear
H61323 Acquired stenosis of external ear canal secondary to inflammation and infection, bilateral
H61329 Acquired stenosis of external ear canal secondary to inflammation and infection, unspecified ear
H61322 Acquired stenosis of left external ear canal secondary to inflammation and infection
H61321 Acquired stenosis of right external ear canal secondary to inflammation and infection
I330 Acute and subacute infective endocarditis
B170 Acute delta-(super) infection of hepatitis B carrier
T8022XA Acute infection following transfusion, infusion, or injection of blood and blood products, initial encounter
T8022XS Acute infection following transfusion, infusion, or injection of blood and blood products, sequela
T8022XD Acute infection following transfusion, infusion, or injection of blood and blood products, subsequent encounter
J069 Acute upper respiratory infection, unspecified
B340 Adenovirus infection, unspecified
T490XSA Adverse effect of local antifungal, anti-infective and anti-inflammatory drugs, initial encounter
T490XSS Adverse effect of local antifungal, anti-infective and anti-inflammatory drugs, sequela
T490XSD Adverse effect of local antifungal, anti-infective and anti-inflammatory drugs, subsequent encounter

Selected Dx

ICD-10 Code	Current Dx	Prel	Stage	Delete

TEMP 100-88
 BP 100-88
 RR
 HR
 WT
 HT 4' 10"
 SpO2
 BMI

Module 3: AI-driven data capture and analytics

E-Report

Four Company Name
provided by Diapers

MEDICAL REPORT
visit on 8/22/2021

1221 Wilshire Blvd Los Angeles, CA 90048
Email: info@trinityaharcare.com Phone: (424) 263-2118

Date Of Report: 9/30/2021

Purpose: Use this form to provide medical information to your physician, physician assistant or nurse practitioner.
Note: This information is for official and medical confidential use only and not will be assigned to an unauthorized person.

PERSONAL INFORMATION

Last name: Doe | First name: John | Middle Name (suffix):
Home address: 123 Main St, Los Angeles CA, 99999 | Health Plan: No Insurance
Birth Date: 12/23/1983 | Gender: | Height: 4' 10" | Ethnicity: Caucasian
Allergies: No known medication allergies | Alerts: No alerts | Vaccinations: No record provided

HEALTHCARE PROVIDERS
Telehealth: Arvid Dron

COMPLAINTS | **ROS AND PHYSICAL EXAM**
CONSTITUTIONAL: Fever (Some fever description)

HISTORY OF PRESENT ILLNESS

VITAL SIGNS
BP (90-135-60-90 mmHg) | 100/98 (7:51 PM)

LABORATORY TESTS

Test	Result (Time)
Anti-Covid IgM/IgG (0-0 yes/no)	Neg (7:38 PM)
Basophils % (0-2 %)	0.2 (6:40 PM)
Basophils Count (0-125 cells/mm ³)	0 (6:40 PM)
Eosinophils % (0-8 %)	2.64 (6:40 PM)
Eosinophils Count (30-600 cells/mm ³)	0.23 (6:40 PM)
Hematocrit (36.9-50.4 %)	47.85 (5:40 PM)
Hemoglobin (12.3-17.5 gm/dL)	17.61 (5:40 PM)
Immature Granulocyte (0-0.9 %)	0.14 (6:40 PM)
Lymphocyte % (15-49 %)	30.28 (5:40 PM)
Lymphocyte Count (1000-3500 10 ³ /uL)	2.68 (6:40 PM)
Mean Corpuscular Hemoglobin (27-31 pg)	33.65 (5:40 PM)
Mean Corpuscular Hemoglobin Concentration (33-37 g/dL)	36.8 (6:40 PM)
Mean Corpuscular Volume (10-17 %)	91.44 (5:40 PM)
Mean Platelet Volume (8.9-11.8 fL)	12.95 (5:40 PM)
Monocytes % (0-13 %)	7.32 (6:40 PM)
Monocytes Count (40-900 cells/mm ³)	0.68 (6:40 PM)
Nucleated Red Blood Cells Count (0-0.3 %)	0.28 (6:40 PM)
Platelet Clumping (0-0.1 %)	0.03 (6:40 PM)
Platelets (140-390 *1000/mm ³)	291.48 (6:40 PM)
Red Blood Cells Count (3.8-5.8 10 ⁶ /uL)	5.23 (6:40 PM)
Red Cell Distribution Width (11.6-14.8 %)	12.51 (5:40 PM)
Segmented Neutrophil % (38-80 %)	59.76 (5:40 PM)
Segmented Neutrophil Count (2-7 10 ³ /uL)	5.22 (6:40 PM)
WBC Suspected NRBC (0-1 %)	0.2 (6:40 PM)
White Blood Cells Count (3.5-11 10 ³ /uL)	8.73 (6:40 PM)

DIAGNOSIS

ICD Code	Diagnosis	Status
J471	Bronchiectasis with (acute) exacerbation	

TREATMENT

Medications administered on site:
ABILIFY 30MG 1 TABLET.

Medications prescribed:
ABILIFY 30MG 1 TABLET



DiaLogic®
INTEROPERABILITY AI

OPTIONAL:



- Patient Chatbot
- Scheduling & check-in
- Patient Risk Assessment
- Decision-making support
- Patient/Provider portal
- API for external EHR/LIS/TELEHEALTH



Implementation Road Map

