



Dr.AI MedExam Pro

Dr. AI 의 건강검진 보고서 생성 시스템



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1. Dr.AI MedExam Pro 의 가치제안

탁월한 효율과 생산성

Dr. AI의 건강검진 보고서 생성 시스템(Dr.AI MedExam Pro)은 단 15분 만에 100건의 보고서를 생성할 수 있는 원클릭 배치 보고서 생성 기능을 통해 비교할 수 없는 효율성을 제공하고 의료 전문가의 역량을 강화하며 생산성을 향상시킵니다. 이를 통해 건강검진 워크플로우를 최적화하고 귀중한 시간을 절약하며 정밀도를 향상시킵니다.

12개 의학 전문 분야에 걸친 역동적인 접근 방식

Dr. AI MedExam Pro는 12개의 의학 전문 분야에 걸쳐 동적인 접근 방식을 제공하여 포괄적이고 진정한 서사 진단 및 제안을 제공합니다. 이러한 진단에는 실시간 의료인사이드에서 도출된 개인별 후속 조치 권장 사항이 포함되며, 과거 병력 및 가족력, 생활 습관 및 이상 수치를 통합하여 독점적인 진단 평가를 생성합니다.

1. Dr.AI MedExam Pro 의 가치제안

사전 작성된 템플릿의 정보를 이용하지 않음

당사의 권장사항은 사전에 작성된 템플릿에서 얻은 것이 아니며, 테스트 결과에서 직접 역동적인인사이트를 제공합니다. 또한 다양한 언어적 요구에 따라 다양한 국제 언어로 보고서를 생성할 수 있습니다.

주요 과제에 대한 대처

Dr.AI MedExam Pro는 의료 서비스 제공자가 직면한 다음과 같은 과제를 해결하는 것을 목표로 환자 중심의 의료 진단 서비스 개발에 중점을 두고 있습니다:

- 의료 전문가 역량 강화
- 의료 인력 부족 완화
- 의료 서비스의 맹점 감소
- 의료기록 및 보고서의 품질 제고
- 문서화와 관련된 시간 및 오류 최소화

2. 도입 효과

2-1. 단 15분 만에 100건의 보고서 작성 가능



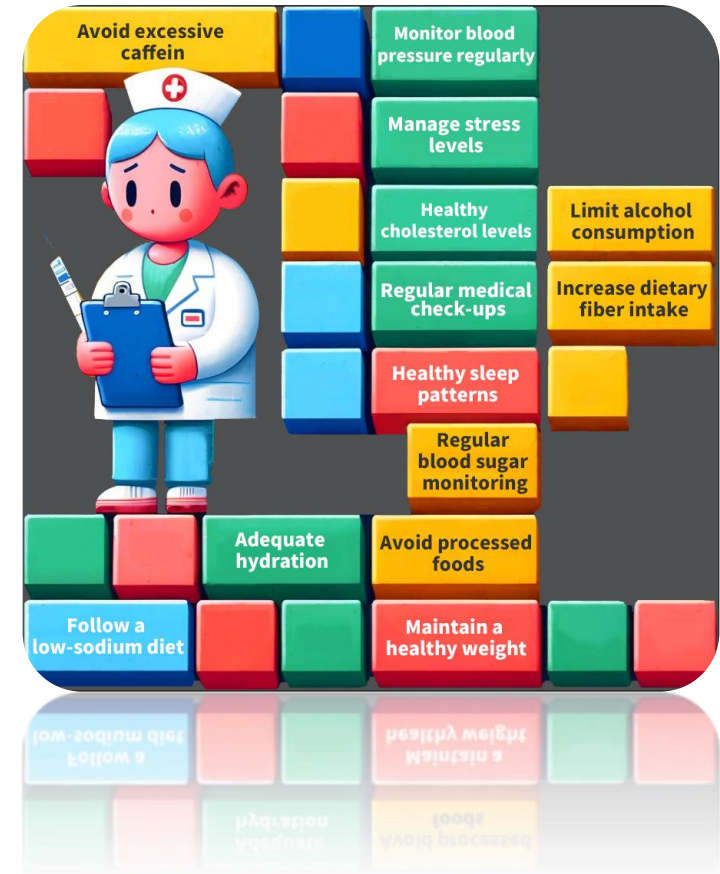
원클릭 배치 보고서 생성

단 15분 만에 100건의 보고서를 생성하여 워크플로우를 크게 최적화하고 귀중한 시간을 절약하며 비용을 절감함으로써 의료 서비스 용량을 증가시킵니다.

2. 도입 효과

2-2. 템플릿의 수동 취득은 불필요

Dr. AI MedExam Pro는 테스트 결과에서 직접 동적 인사이트를 생성하여 미리 작성된 제안을 수동으로 검색할 필요가 없습니다. 실시간 데이터를 기반으로 한 당사의 권장 사항은 개인 맞춤형 관리를 제공하며 일반 템플릿에서 파생되지 않습니다.



2. 도입 효과

2-3. 12개 의학 전문 분야에 걸친 종합 진단

Dr.AI MedExam Pro는 12개의 의학 전문 분야에 걸쳐 동적인 접근 방식을 제공하여 포괄적이고 진정한 서사 진단 및 제안을 제공합니다. 이러한 진단에는 실시간 의학적 인사이트에서 파생된 자동 음성 설명과 개인화된 후속 조치 권장 사항이 포함됩니다.

종합적인 평가를 위한 3가지 주요 요소를 통합한 혁신적인 교차분석

이 시스템은 과거 병력, 가족력, 생활 습관 및 이상치에 대한 첨단 교차 분석을 통합하여 독점적인 진단 평가 및 후속 조치 권장 사항을 생성합니다.

- 과거 병력 및 가족력 >
- 생활 습관 >
- 이상치 분석 >

2. 도입 효과

A.과거 병력과 가족력의 교차 분석

- 과거 병력 및 가족력
- 생활 습관
- 이상치 분석

Rochester Clinic Name : DavisJordan ID : Date of Exam : 2024-03-22

Summary & Suggestions

Impression 5: Elevated Homocysteine

Evidence-Based on: Homocysteine level of 16.0 umol/L.
Interpretations and Suggestions: Elevated homocysteine is a risk factor for cardiovascular diseases. Dietary modification to increase intake of folate, vitamins B6, and B12 could help lower homocysteine levels. Additionally, evaluating renal function and thyroid status is advised as these can influence homocysteine levels.

06. Diagnosis :
Impression 6: E

Evidence-Based
Interpretations a
but it is non-spe
clinical correlati

Past Medical History & Family Medical History

Past medical history
Personal history of diseases: Hypertension, Atrial fibrillation, Ulcerative colitis
Medication and supplement history: No regular medication or supplement habits.

07. Diagnosis :
Impression 7: History of Hypertension and Atrial Fibrillation

Past Medical History

Evidence-Based on: Personal medical history reporting hypertension and atrial fibrillation.
Interpretations and Suggestions: Given your medical history, it's imperative to engage in lifestyle modifications, adherence to antihypertensive guidelines, and regular follow-up with a cardiologist, especially to monitor and manage atrial fibrillation.

In conclusion, your primary concerns include being overweight, having prehypertension, mildly elevated liver enzymes, mildly elevated bilirubin, and elevated homocysteine levels. These factors necessitate a focus on lifestyle changes, dietary improvements, and possibly medical interventions for blood pressure and liver health. Your history of hypertension and atrial fibrillation underscores the importance of cardiovascular health monitoring and management. The elevated NSE warrants further investigation to exclude serious conditions. Overall, a comprehensive approach including follow-up with your healthcare provider is recommended to address these findings and optimize your health.

Dr.AI

2. 도입 효과

B. 생활습관의 교차분석

과거 병력
및 가족력 >

● 생활 습관 ▶

이상치 분석 >

Rochester Clinic Name : DavisJordan ID : Date of Exam : 2024-03-22

Summary & Suggestions

06. Diagnosis :
Impression: Prediabetes

Evidence-Based on: Fasting blood glucose monitoring of blood glucose
Lifestyle Habits (Smoking, Drinking, etc.)

Lifestyle Habits
Drinking habits in the past month: Abstain from alcohol.
Coffee consumption habits: Yes.
Average weekly working hours in the past six months: 48

07. Diagnosis :
Impression: Hyperlipidemia

Evidence-Based on: Total cholesterol of 227 mg/dL, LDL cholesterol of 150 mg/dL
Interpretations and Suggestions: Consider dietary modifications to reduce saturated fats and cholesterol intake, increase intake of omega-3 fatty acids, and consult with your healthcare provider about the potential need for lipid-lowering medication.

08. Diagnosis :
Impression: Hyperuricemia

Evidence-Based on: Uric acid of 9.6 mg/dL
Interpretations and Suggestions: Limit intake of purine-rich foods like red meats and seafood, and avoid alcohol. Stay well-hydrated. Further evaluation for gout or renal issues may be warranted if symptoms such as joint pain or difficulty in urinating occur.

09. Diagnosis :
Impression: Hyperthyroidism

Lifestyle Medicine Suggestions

Lifestyle Medicine Suggestions:
- Adopting a whole-food, plant-predominant eating pattern will help in managing obesity, prediabetes, hypertension, and hyperlipidemia. Focus on incorporating a wide variety of fruits, vegetables, whole grains, and legumes into your meals.
- Avoid risky substances, including tobacco and excessive alcohol consumption, to reduce your risk of further aggravating hypertension, hyperuricemia, and liver conditions. Limit caffeine intake as it can affect blood pressure and sleep quality.

Impression: Nasopharyngeal stenosis



Summary & Suggestions

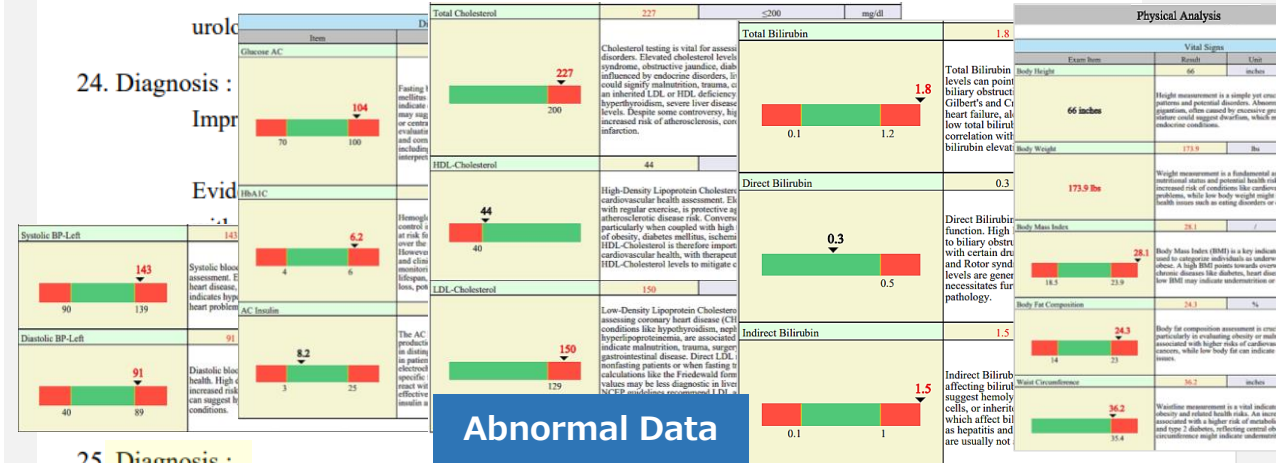
2. 도입 효과

C. 이상치 의 교차분석

과거 병력 및 가족력 >

생활 습관 >

● 이상치 분석 ▶



Abnormal Data

25. Diagnosis :

Comprehensive summary

Comprehensive summary: Current evaluations underscore several significant health concerns that warrant ongoing management and observation. You exhibit mild obesity, which, combined with prediabetes, Hypertension (Stage 1), hyperlipidemia, and mild coronary artery disease, underscores **heightened cardiovascular risk profile**. Importantly, adhering to a lifestyle that promotes weight management, a balanced diet low in simple sugars and saturated fats, along with regular exercise, is paramount. Your condition of Thalassemia minor, while generally not requiring treatment, complements a picture of hematological intricacy, further complicated by eosinophilia and indirect hyperbilirubinemia, suggesting a need for meticulous monitoring of your **blood and liver health**. The presence of **hyperthyroidism, hyperuricemia**, along with mild prostatic enlargement, necessitates a comprehensive approach to your hormonal balance and metabolic processing. Findings of multilevel degenerative changes in your spine, intervertebral disc herniation, and spinal stenosis highlight the significance of incorporating physiotherapy and possibly pain management into your regimen. Notably, the identification of bilateral renal cysts, left renal calcification, and nasopharyngeal stenosis introduces additional layers of complexity requiring specialist consultations to monitor and manage these conditions effectively. Furthermore, the cerebral small vessel disease, Stage 1, and arteriosclerosis of the aortic arch indicate the need for **vigilant control of vascular risk factors**. Regular follow-ups for your heart and kidney functions, alongside adjustments in medication and lifestyle, will be crucial steps in managing your health holistically.

2. 도입 효과

2-4. 사용자 정의 가능한 보고서 모듈

건강검진센터의 요구에 따라 기본, 플러스 및 프리미엄 버전을 포함하여 여러 보고서 모듈을 제공합니다. 필요한 형식과 내용을 사용자 정의할 수 있습니다.

기본 보고서

일반 신체 검사, 노동 검사, 초기 건강 검진 패키지와 같은 단일하고 간단한 신체 검사 항목에 적합합니다. AI 종합 진단 및 영양 지도 보고서와 함께 간략한 분석을 제공합니다.

플러스 보고서

종합적인 신체 검사와 영상 연구와 같은 특정 검진 항목이 포함된 건강 검진 패키지에 적합합니다. AI 종합 진단 및 영양 지도 보고서와 함께 상세 분석 및 다양한 설명 보고서를 제공합니다.

프리미엄 보고서

선진이미징 또는 VIP 패키지가 포함될 수 있는 고가치 건강검진 패키지에 적합합니다. 영양 지침 보고서와 함께 상세하고 종합적인 AI 진단 분석을 제공합니다.

HEALTH EXAMINATION REPORT

Name
I.D. Number
Gender
Date of Birth
Age
Date of Exam
Exam Package

Personal

Contents	
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Personal and Family History	05
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Physician

Nutrition Instructions

Diet Suggestions:

- Incorporate a high fiber diet with plenty of fruits, vegetables, whole grains, and legumes to manage prediabetes and hyperlipidemia, and to aid in weight loss.
- Choose lean protein sources and healthy fats, such as fish rich in omega-3 fatty acids, to support heart health.
- Limit intake of salt and processed foods to help control blood pressure.
- Avoid foods high in refined sugars and carbohydrates to help manage blood glucose levels.
- Opt for low glycemic index foods to stabilize blood sugar.
- Ensure adequate hydration throughout the day.

Supplement Recommendations:

- Consider a daily multivitamin that does not exceed 100% of the Daily Value of iron, unless otherwise directed by your physician, due to Thalassemia Minor.
- Omega-3 fatty acids supplement could be beneficial for heart health.
- A Vitamin D supplement may be beneficial, especially if your lifestyle or geographic location limits sun exposure.
- Magnesium supplements could help in managing hypertension and might assist in improving sleep quality.

Lifestyle Medicine Suggestions:

- Adopt a whole-food, plant-predominant eating pattern focusing on nutrient density to support weight management, improve lipid profile, and manage blood sugar levels.
- Engage in regular physical activity, aiming for at least 150 minutes of moderate aerobic exercise per week, along with muscle-strengthening activities on two or more days per week. This will aid in managing obesity, hypertension, and prediabetes.
- Ensure restorative sleep by maintaining a consistent sleep schedule, creating a sleep-conducive environment (cool, dark, and quiet), and avoiding stimulants and screens before bedtime.
- Manage stress effectively through mindfulness techniques, such as meditation, deep breathing exercises, or yoga. These practices can help in reducing blood pressure and improving overall well-being.
- Avoid risky substances by limiting alcohol consumption and avoiding smoking and use of illicit drugs. Given your history of alcohol intake, it is particularly important to monitor your alcohol consumption.
- Foster positive social connections by maintaining close relationships with friends and family. Participating in community or group activities that interest you can also provide emotional support and improve mental health.

2. 도입 효과

2-4. 사용자 정의 가능한 보고서 모듈

Summary & Suggestions

01. Diagnosis :

Impression: Mild Obesity

Evidence-Based on: Body Mass Index (BMI) 28.1 kg/m², Body Weight 78.9 kg, Body Fat 24.3%, Waist Circumference 92 cm
Interpretations and Suggestions: To manage mild obesity, a combination of dietary adjustments focusing on nutrient-dense foods and regular physical activity is recommended. Consider consulting a nutritionist for personalized dietary guidance and a fitness professional to create an exercise regimen that is safe and effective for weight loss and overall health improvement.

02. Diagnosis :

Impression: Stage 1 Hypertension

Evidence-Based on: Systolic Blood Pressure 143 mmHg, Diastolic Blood Pressure 91 mmHg
Interpretations and Suggestions: Stage 1 hypertension suggests a need for lifestyle modifications such as reducing sodium intake, increasing physical activity, and managing stress. Consistent monitoring of blood pressure and adherence to antihypertensive medication, if prescribed, are important to prevent further cardiovascular risks.

03. Diagnosis :

Impression: Microcytic Anemia, likely Thalassemia Minor

Evidence-Based on: RBC 6.8 x10⁶/uL, MCV 63.8 fL, MCH 18.5 pg, MCHC 29.0 g/dL
Interpretations and Suggestions: The laboratory findings suggest a diagnosis of Microcytic Anemia, likely Thalassemia Minor, given your high red blood cell count but low MCV, MCH, and MCHC. This condition often does not require treatment; however, regular monitoring of hemoglobin levels and avoidance of unnecessary iron supplements are advisable unless specifically recommended by a physician.

04. Diagnosis :

Impression: Eosinophilia

Evidence-Based on: Eosinophils 9.3%
Interpretations and Suggestions: Elevated eosinophils can indicate an allergic reaction, parasitic infection, or less commonly, certain types of leukemia. It is recommended to undergo further evaluation to determine the underlying cause, which may include specific allergen testing, stool studies for parasites, and a consultation with a hematologist if indicated.

05. Diagnosis :

Impression: Gilbert's Syndrome Indicated by Indirect Hyperbilirubinemia

Evidence-Based on: Total Bilirubin 1.8 mg/dL, Indirect Bilirubin 1.5 mg/dL
Interpretations and Suggestions: The pattern of bilirubin elevation suggests Gilbert's Syndrome, a benign condition that typically does not require treatment. However, it's still important to avoid potential liver toxins including excessive alcohol consumption and certain medications known to affect liver function. Regular liver function tests may be conducted to monitor your condition over time.

06. Diagnosis :

Impression: Prediabetes

Evidence-Based on: Fasting Glucose 104 mg/dL, HbA1c 6.2%
Interpretations and Suggestions: These values indicate prediabetes. Implementing lifestyle changes such as adopting a balanced diet low in refined sugars and carbohydrates, regularly exercising, and periodically monitoring blood glucose levels are crucial steps to delay or prevent the onset of type 2 diabetes. Additionally, a consultation with a diabetes educator or endocrinologist might be beneficial.

07. Diagnosis :

Impression: Hyperlipidemia

Evidence-Based on: Total Cholesterol 227 mg/dL, LDL-Cholesterol 150 mg/dL, T-Chol/HDL-Chol Ratio 5.2
Interpretations and Suggestions: The cholesterol levels suggest hyperlipidemia, increasing your risk for atherosclerosis and heart disease. A heart-healthy diet, rich in fruits, vegetables, whole grains, and lean proteins, along with regular exercise, is recommended. Depending on your risk factors and overall cardiovascular risk, medication may also be prescribed to help manage your cholesterol levels.

08. Diagnosis :

Impression: Hyperthyroidism

Evidence-Based on: TSH 0.02 uIU/mL, Free T4 1.98 ng/dL
Interpretations and Suggestions: The suppressed TSH and elevated free T4 levels suggest hyperthyroidism, which may require antithyroid medications or other treatments. Consultation with an endocrinologist for precise diagnosis and management is essential. Monitoring thyroid function tests regularly as advised by your specialist is crucial for appropriate management.

09. Diagnosis :

Comprehensive summary

Based on the comprehensive analysis of your conditions, it seems you are dealing with several health issues that require attention, including mild obesity, stage 1 hypertension, microcytic anemia likely due to Thalassemia Minor, eosinophilia, Gilbert's syndrome indicated by indirect hyperbilirubinemia, prediabetes, hyperlipidemia, and hyperthyroidism. A multidisciplinary approach involving lifestyle modifications, close monitoring, and possibly medication is crucial for managing these conditions effectively. Collaboration with various specialists, including a nutritionist, fitness professional, hematologist, allergist, and endocrinologist, along with utilizing your primary care physician's guidance, is recommended for a holistic and comprehensive management plan.

기본 보고서

기본 보고서

일반 신체 검사, 노동 검사, 초기 건강 검진 패키지와 같은 단일하고 간단한 신체 검사 항목에 적합합니다. AI 종합 진단 및 영양 지도 보고서와 함께 간략한 분석을 제공합니다.

HEALTH EXAMINATION REPORT

Personal Information

Name: DEMO-005

I.D. Number:

Gender:

Date of Birth:

Age:

Date of Exam:

Exam Package:

Contents

- Exam Item
- Summary & Suggestions
- Nutrition Instructions
- Personal and Family History
- Physical Analysis
- Vision & Hearing Screen
- Hematology Screening
- Biochemistry Examination
- Serology and Immunology Examination
- Urinalysis
- Pharyngorhinoscopy
- Abdominal Ultrasound
- Echocardiography Ultrasound
- Carotid Duplex Ultrasound

Nutrition Instructions

Diet Suggestions:

- Prioritize a whole-food, plant-based diet rich in fruits, vegetables, whole grains, and legumes to manage weight, blood pressure, and blood sugar levels.
- Incorporate lean proteins like fish and poultry, and limit red meat and processed foods to manage hyperlipidemia and hyperuricemia.
- Choose foods high in potassium to help manage hypertension.
- Limit salt intake to less than 1500 mg per day to support blood pressure control.
- Avoid high-purine foods such as red meat, organ meats, and certain types of seafood to reduce uric acid levels.
- Opt for foods rich in omega-3 fatty acids, such as salmon, to support heart health.
- Reduce consumption of simple sugars and refined carbohydrates to manage prediabetes and obesity.

Supplement Recommendations:

- A multivitamin tailored to your age and sex may help fill any nutritional gaps without providing excess iron, given your beta-thalassemia minor.
- Fish oil supplements, for the omega-3 fatty acids EPA and DHA, may benefit heart health but consult with your doctor due to your lipid profile and cardiovascular concerns.
- Vitamin D, especially if your lifestyle or geographical location limits sun exposure, to support overall health, but consult with your healthcare provider for appropriate dosing.
- Magnesium, which may help with blood pressure control and heart health. Again, check with your physician for the appropriate dose.

Lifestyle Medicine Suggestions:

- Adopt a whole-food, plant-predominant eating pattern to address obesity, hypertension, hyperlipidemia, and prediabetes. Focus on incorporating a variety of fruits, vegetables, whole grains, and legumes into your meals.
- Engage in regular physical activity. Aim for at least 150 minutes of moderate aerobic exercise per week, such as brisk walking, cycling, or swimming, along with muscle-strengthening activities on two or more days a week. This will help manage weight, blood pressure, and cardiovascular health.
- Ensure restorative sleep by establishing a regular sleep schedule, creating a relaxing bedtime routine, and making your sleeping environment comfortable and free of distractions. Aim for 7-9 hours of sleep per night.
- Manage stress effectively through mindfulness practices, meditation, yoga, or deep-breathing exercises. These methods can help lower blood pressure and improve overall well-being.
- Avoid risky substances including tobacco and limit alcohol intake, as these can exacerbate several of your conditions including hypertension, hyperuricemia, and liver health.
- Foster positive social connections by maintaining relationships with friends and family. Support groups for specific health conditions can also provide emotional support and valuable information for managing your health.
- Stay well-hydrated, particularly to manage hyperuricemia and kidney health. Aim for at least 8-10

Summary & Suggestions

01. Diagnosis :

Impression: Mild obesity

Evidence-Based on: BMI of 28.1 kg/m², Body weight of 78.90 kg, Body fat percentage of 24.30%, Waist circumference of 92 cm

Interpretations and Suggestions: Mild obesity is associated with a higher risk of several chronic diseases. It is important to aim for a slow and steady weight loss through a balanced diet and regular physical activity. Consider consulting a nutritionist for personalized dietary advice.

02. Diagnosis :

Impression: Stage 1 Hypertension

Evidence-Based on: Systolic blood pressure of 143 mmHg, Diastolic blood pressure of 91 mmHg

Interpretations and Suggestions: Stage 1 hypertension increases the risk of cardiovascular diseases. Limiting salt intake, maintaining a healthy weight, and regular monitoring of blood pressure are crucial. Discuss with your doctor whether medication might be needed to control your blood pressure.

03. Diagnosis :

Impression: Beta-Thalassemia Minor

Evidence-Based on: RBC of 6.8 10⁶/uL, MCV of 63.8 fl, MCH of 18.5 pg/cell

Interpretations and Suggestions: Beta-thalassemia minor often doesn't require treatment but monitoring for possible anemia symptoms is recommended. Avoid routine iron supplements without evidence of iron deficiency.

04. Diagnosis :

Impression: Eosinophilia

Evidence-Based on: Eosinophils at 9.30%

Interpretations and Suggestions: Eosinophilia can indicate allergic reactions, parasitic infections, or other causes. It is advisable to see an allergist or immunologist for further evaluation and possible allergy testing.

05. Diagnosis :

Impression: Indirect hyperbilirubinemia

Evidence-Based on: Total Bilirubin at 1.8 mg/dL, Indirect Bilirubin at 1.5 mg/dL

Interpretations and Suggestions: Further evaluation is necessary to determine the cause of elevated bilirubin. Possibilities include Gilbert's syndrome, hemolysis, or liver dysfunction. Consultation with a hepatologist may be beneficial.

06. Diagnosis :

Impression: Prediabetes

Evidence-Based on: Glucose AC of 104 mg/dL, HbA1C of 6.2%

Interpretations and Suggestions: Prediabetes indicates a high risk of developing diabetes. Lifestyle modifications including diet and exercise are crucial. Regular follow-up with glucose and HbA1c testing every 6 months is recommended.

07. Diagnosis :

Impression: Hyperlipidemia

Evidence-Based on: Total Cholesterol of 227 mg/dL, LDL-C of 150 mg/dL

Interpretations and Suggestions: Elevated cholesterol increases the risk of cardiovascular disease. Dietary changes, weight management, and possibly lipid-lowering medication after discussing with your healthcare provider are recommended.

08. Diagnosis :

Impression: Increased risk for atherosclerosis

Evidence-Based on: T-Chol/HDL-Chol ratio of 5.2

Interpretations and Suggestions: To reduce the risk of atherosclerosis, focus on lifestyle modifications such as increasing physical activity, quitting smoking if applicable, and managing dietary fat intake. Regular monitoring of lipid profile is essential.

09. Diagnosis :

Impression: Hyperuricemia

Evidence-Based on: Uric acid level of 9.6 mg/dL

Interpretations and Suggestions: High uric acid levels can lead to gout and kidney stones. Limiting high-purine foods, alcohol, and fructose, along with hydration and follow-up blood tests are advised.

10. Diagnosis :

Impression: Hyperthyroidism

Evidence-Based on: TSH of 0.02 uIU/mL

Interpretations and Suggestions: Hyperthyroidism can cause weight loss, increased heart rate, and anxiety. Treatment options include antithyroid drugs, radioactive iodine, and surgery. Regular monitoring and specialist consultation are essential.

11. Diagnosis :

12. Diagnosis :

Impression: Left Kidney Calcification

Evidence-Based on: Abnormal ultrasound of the kidney showing calcification points in the left kidney.

Interpretations and Suggestions: This indicates previous kidney damage or infection, leading to calcification. It is important to monitor kidney function and manage blood pressure and blood sugar to prevent further damage. Stay well-hydrated and schedule a follow-up with a nephrologist for ongoing assessment and management strategies.

13. Diagnosis :

Impression: Diastolic Dysfunction

Evidence-Based on: Abnormal echocardiogram indicating left ventricular diastolic dysfunction.

Interpretations and Suggestions: Diastolic dysfunction is a condition where the heart's ability to relax and fill with blood is impaired. This can be managed by controlling blood pressure, possibly adjusting medication if you have hypertension, and managing other cardiovascular risk factors. Implementing lifestyle changes such as regular physical activity and a heart-healthy diet is beneficial. Further evaluations by a cardiologist are necessary to tailor treatment and monitor the condition.

14. Diagnosis :

Impression: Valve Regurgitation

Evidence-Based on: Abnormal echocardiogram showing mild regurgitation in the mitral, pulmonary, and tricuspid valves.

Interpretations and Suggestions: Even minimal valve regurgitation deserves attention to monitor for potential progression. Regular follow-up with echocardiograms to assess valve function over time is recommended. Engage in heart-healthy lifestyle practices and manage other cardiovascular risk factors. Consult with a cardiologist for more specific recommendations and potential treatment options.

15. Diagnosis :

Impression: Multinodular Goiter with Cystic Changes

Evidence-Based on: Ultrasound of the thyroid showing multiple nodules with cystic changes in the left thyroid.

Interpretations and Suggestions: The presence of multiple nodules with cystic changes warrants periodic monitoring through ultrasound to detect any changes in size or characteristics of the nodules. Thyroid function tests should be conducted to evaluate thyroid hormone levels. Consultation with an endocrinologist is important for further assessment and to decide if any nodules require biopsy based on their growth or symptoms.

16. Diagnosis :

Impression: Nodular Thyroid Disease

Evidence-Based on: Ultrasound of the thyroid showing a nodular goiter in the right thyroid.

Interpretations and Suggestions: Like the multinodular goiter, this condition also needs monitoring over time with ultrasound and thyroid function tests to ensure the nodules do not adversely affect thyroid function. An endocrinological evaluation is crucial, and a biopsy may be considered based on nodule growth or associated symptoms.

17. Diagnosis :

Impression: Atherosclerosis of the Aortic Arch

Evidence-Based on: Abnormal chest X-ray showing aortic arch calcification.

Interpretations and Suggestions: Aortic arch calcification is indicative of atherosclerosis, a buildup of plaque that can narrow the arteries and increase cardiovascular disease risk. Managing blood pressure, cholesterol, and other cardiovascular risk factors is critical. A cardiology consultation is recommended for a comprehensive cardiovascular risk assessment and management plan.

18. Diagnosis :

Impression: Cervical Spondylosis

Evidence-Based on: Abnormal cervical X-ray showing intervertebral disc narrowing, osteophytes, and ligament calcification.

Interpretations and Suggestions: Management focuses on relieving pain and maintaining neck mobility. Nonsteroidal anti-inflammatory drugs (NSAIDs), physical therapy, and lifestyle modifications to reduce strain on the neck are important. In some cases, referral to a spine specialist for further evaluation and treatment planning may be necessary, including the possibility of surgery for severe symptoms or nerve involvement.

19. Diagnosis :

Impression: Lumbar and Thoracic Spine Anomalies

Evidence-Based on: Abnormal X-rays showing spondyloarthralgia, vertebral fractures, disc narrowing, and osteophyte formation in the lumbar and thoracic spine.

Interpretations and Suggestions: This combination of spine issues requires comprehensive management to address pain, prevent further deterioration, and maintain function. Physical therapy geared towards strengthening and flexibility exercises, pain management strategies, and possibly evaluation for surgical intervention in severe scenarios are advised. Regular follow-ups with a specialist in orthopedics or spine disorders are critical to adjust management plans as needed.

20. Diagnosis :

Comprehensive Summary

You are currently managing several health issues, most notably mild obesity with a BMI of 28.1, indicating a need for lifestyle adjustments in diet and exercise. Your condition of stage 1 hypertension and prediabetes both suggest immediate lifestyle modifications and possibly medications to control blood pressure and blood sugar levels, which are critical to prevent cardiovascular disease and diabetes. Beta-thalassemia minor, eosinophilia, and indirect hyperbilirubinemia require monitoring but are not immediately life-threatening. Your elevated uric acid levels point towards a risk for gout and kidney stones, necessitating dietary adjustments. The diagnosis of hyperthyroidism will likely require referral to an endocrinologist for further management. Orthopedic concerns with both knee calcifications and cervical spondylosis may benefit from physical therapy and pain management strategies. Your overall health profile suggests a need for a comprehensive, multi-specialist approach to management, including diet, physical activity, and medical interventions, under the guidance of various healthcare professionals.

2. 도입 효과

2.4. 사용자 정의 가능한 보고서 모듈

플러스 보고서

플러스 보고서

종합적인 신체 검사와 영상 연구와 같은 특정 검진 항목이 포함된 건강 검진 패키지에 적합합니다. AI 종합 진단 및 영양 지도 보고서와 함께 상세 분석 및 다양한 설명 보고서를 제공합니다.

HEALTH EXAMINATION REPORT

Personal Information

Name
I.D. Number
Gender
Date of Birth
Age
Date of Exam
Exam Package

Contents

- Exam Item
- Summary & Suggestions
- Nutrition Instructions
- Personal and Family History
- Physical Analysis
- Vision & Hearing Screen
- Hematology Screening
- Biochemistry Examination
- Serology and Immunology Examination
- Urinalysis
- Pharyngorhinocopy
- Abdominal Ultrasound

Nutrition Instructions

Diet Suggestions:

- Prioritize a diet rich in vegetables, fruits, whole grains, and lean proteins. Focus on fiber-rich foods to help manage weight and blood sugar levels.
- Reduce saturated fats and cholesterol by choosing plant-based fats such as avocados, nuts, and olive oil over animal fats.
- Limit your intake of processed and high-sodium foods to help control blood pressure.
- Avoid purine-rich foods like red meats and seafood to manage hyperuricemia.
- For hypothyroidism, ensure adequate iodine intake from foods like seaweed, fish, dairy, and eggs, unless otherwise contraindicated.
- Drink plenty of water and stay hydrated, especially important due to the presence of renal cysts and calcification.

Supplement Recommendations:

- A high-quality multivitamin tailored to your age and sex may support overall health but avoid iron supplements unless specifically recommended by your healthcare provider due to Thalassemia minor.
- Omega-3 fatty acids (from fish oil supplements) could be beneficial for hyperlipidemia and overall heart health.
- Magnesium and potassium supplements might help in managing blood pressure, but consult with your healthcare provider first.
- Vitamin D supplementation, especially if there is limited sun exposure or dietary intake is low.
- Coenzyme Q10 (CoQ10) could be considered for its potential benefits on heart health and statin-related side effects, if statins are prescribed for hyperlipidemia.

Lifestyle Medicine Suggestions:

- Adopting a whole-food, plant-predominant eating pattern will help in managing obesity, prediabetes, hypertension, and hyperlipidemia. Focus on incorporating a wide variety of fruits, vegetables, whole grains, and legumes into your meals.
- Engage in regular physical activity by incorporating at least 150 minutes of moderate-intensity or 75 minutes of high-intensity exercise weekly. Mix aerobic activities, strength training, and flexibility exercises for comprehensive health benefits.
- Ensure restorative sleep by aiming for 7-9 hours per night. Establish a regular sleep schedule and create a relaxing bedtime routine to improve sleep quality.
- Manage stress effectively through mindfulness practices, meditation, or yoga. Regular stress management can aid in managing hypertension and improving overall well-being.
- Avoid risky substances, including tobacco and excessive alcohol consumption, to reduce your risk of further aggravating hypertension, hyperuricemia, and liver conditions. Limit caffeine intake as it can affect blood pressure and sleep quality.
- Foster positive social connections by spending time with family and friends, joining community groups, or participating in group activities that interest you. Positive social support can significantly impact your mental and emotional well-being, which in turn can help manage stress and contribute to a

Summary & Suggestions

01. Diagnosis :

Impression: Mild obesity

Evidence-Based on: BMI of 28.1, body weight of 78.9 kg, body fat percentage of 24.3%, waist circumference of 92 cm
Interpretations and Suggestions: Engage in a balanced diet and regular exercise program to achieve a gradual and sustainable weight loss. Consult a nutritionist for a personalized plan.

02. Diagnosis :

Impression: Hypertension, Stage 1

Evidence-Based on: Left systolic blood pressure of 143 mmHg, left diastolic blood pressure of 91 mmHg
Interpretations and Suggestions: Continue monitoring your blood pressure at home and follow up with your healthcare provider to adjust treatment as necessary. Lifestyle modifications such as reducing sodium intake, maintaining a healthy weight, engaging in regular physical activity, and managing stress can be beneficial.

03. Diagnosis :

Impression: Thalassemia minor

Evidence-Based on: RBC of 6.8 10⁶/uL, MCV of 63.8 fl, MCH of 18.5 pg, MCHC of 29 g/dL
Interpretations and Suggestions: This condition generally requires no treatment. However, avoid iron supplementation unless iron deficiency is diagnosed by your healthcare provider. Regular monitoring of your hemoglobin levels may be advised.

04. Diagnosis :

Impression: Eosinophilia

Evidence-Based on: Eosinophils at 9.3%
Interpretations and Suggestions: Further evaluation is required to identify the cause of eosinophilia. Potential causes include allergies, asthma, parasitic infections, or more rare conditions like eosinophilic leukemia. Consult with your healthcare provider for targeted diagnostic testing.

05. Diagnosis :

Impression: Indirect hyperbilirubinemia

Evidence-Based on: Total bilirubin of 1.8 mg/dL, indirect bilirubin of 1.5 mg/dL
Interpretations and Suggestions: This may indicate a mild condition such as Gilbert's syndrome or other liver function issues. A detailed evaluation including liver function tests, and possibly imaging, is recommended to rule out other causes.

06. Diagnosis :

Impression: Prediabetes

Evidence-Based on: Fasting glucose of 104 mg/dL, HbA1c of 6.2%
Interpretations and Suggestions: Adopt a diet low in simple sugars and refined carbohydrates. Increase physical activity to at least 150 minutes of moderate exercise per week. Regular monitoring of blood glucose levels is recommended.

07. Diagnosis :

Impression: Hyperlipidemia

Evidence-Based on: Total cholesterol of 227 mg/dL, LDL cholesterol of 150 mg/dL
Interpretations and Suggestions: Consider dietary modifications to reduce saturated fats and cholesterol intake, increase intake of omega-3 fatty acids, and consult with your healthcare provider about the potential need for lipid-lowering medication.

08. Diagnosis :

Impression: Hyperuricemia

Evidence-Based on: Uric acid of 9.6 mg/dL
Interpretations and Suggestions: Limit intake of purine-rich foods like red meats and seafood, and avoid alcohol. Stay well-hydrated. Further evaluation for gout or renal issues may be warranted if symptoms such as joint pain or difficulty in urinating occur.

09. Diagnosis :

Impression: Hypothyroidism

Evidence-Based on: TSH of 10.5 U/mL, Free T4 of 1.98 ng/dL
Interpretations and Suggestions: Consult an endocrinologist for a detailed assessment. Treatment may include thyroid medications, radioactive iodine therapy, or thyroid surgery, depending on the cause and your specific condition.

10. Diagnosis :

Impression: Nasopharyngeal stenosis

Evidence-Based on: History of recurrent upper respiratory tract infections and difficulty breathing during sleep.
Interpretations and Suggestions: Further evaluation with imaging (CT scan) is recommended to confirm the diagnosis and assess the severity of the stenosis. Treatment options may include surgical intervention (septoplasty or adenoidectomy) or CPAP therapy to manage sleep apnea.

11. Diagnosis :

Impression: Left ventricular diastolic dysfunction
Evidence-Based on: Echocardiogram showing left ventricular diastolic dysfunction.
Interpretations and Suggestions: No treatment is required for asymptomatic diastolic dysfunction. The condition can be monitored by the cardiologist in your left follow-up, such as annual follow-up. Engage in regular physical activity and maintain a healthy diet to support heart health. Consider lifestyle modifications such as weight management, sodium restriction, and regular follow-up with your healthcare provider to monitor the condition's progression or improvement.

12. Diagnosis:
Impression: Left ventricular diastolic dysfunction
Evidence-Based on: Echocardiogram showing left ventricular diastolic dysfunction.
Interpretations and Suggestions: Engage in lifestyle modifications such as controlling blood pressure, managing diabetes, regular physical activity, and maintaining a healthy diet to support heart health. Consider lifestyle modifications such as weight management, sodium restriction, and regular follow-up with your healthcare provider to monitor the condition's progression or improvement.

13. Diagnosis:
Impression: Valve abnormalities
Evidence-Based on: Echocardiogram showing very minor mitral, pulmonary, and tricuspid regurgitation.
Interpretations and Suggestions: Observe the mild nature of regurgitation observed in your heart valves. Special treatment may not be required. However, it's important to undergo periodic echocardiograms to monitor these conditions over time. Engaging in heart-healthy lifestyle and regular follow-up with your healthcare provider to monitor your heart health effectively.

14. Diagnosis:
Impression: Multichamber pacer with cyclic changes in the left thyrod gland and nodular goiter in the right thyrod gland
Evidence-Based on: Thyroid ultrasound revealing multichamber pacer with cyclic changes in the left thyrod and nodular goiter in the right thyrod.
Interpretations and Suggestions: Regular monitoring through thyroid function tests and follow-up ultrasound is advised to watch for any changes in the nodular goiter or abnormalities. Maintaining a healthy diet and staying hydrated may be beneficial. Further evaluation or treatment may be necessary if symptoms of thyroid dysfunction or the nodular goiter persist. Regular follow-up with your healthcare provider is recommended.

15. Diagnosis:
Impression: Normal ophthalmological and otological findings
Evidence-Based on: Ophthalmological and otological examinations showing no significant abnormalities.
Interpretations and Suggestions: The absence of significant findings in the visual pathway and hearing screening. Continue regular health checks and remain regular for any eye symptoms. Should any vision concerning with your healthcare provider further evaluation will be necessary.

16. Diagnosis:
Impression: Normal abdominal ultrasound findings except for increased left renal caliectasis
Evidence-Based on: Abdominal ultrasound showing normal findings except the left kidney caliectasis.
Interpretations and Suggestions: The overall normal findings of your abdominal organs are encouraging, indicating no immediate concerns. To support ongoing health, maintain a balanced, heart-healthy diet, stay hydrated, and engage in regular physical activity. Regular follow-up with your healthcare provider for further evaluation will be necessary.

17. Diagnosis:
Impression: Normal cardiovascular function with abnormal valve abnormalities
Evidence-Based on: Normal cardiac function indicated by tests, with an ejection fraction of 77%, aortic valve abnormalities.
Interpretations and Suggestions: The good news is your heart function well overall, even with the observed valve irregularities. These should be monitored periodically to ensure they do not progress. Adopting a regular exercise regime, managing stress effectively, and eating a balanced, heart-healthy diet will support your cardiovascular system's health and functionality.

18. Diagnosis:
Impression: Arteriosclerosis of the aortic arch
Evidence-Based on: Chest X-ray findings indicating arteriosclerotic changes in the aortic arch.
Interpretations and Suggestions: Consider adopting a heart-healthy diet, regular exercise, and avoiding smoking. Discuss with your healthcare provider the possibility of initiating or adjusting medications to manage blood pressure, cholesterol, and other risk factors effectively.

19. Diagnosis:
Impression: Mild-to-moderate changes in the cervical and lumbar spine
Evidence-Based on: X-ray and MRI findings showing joint fusion, vertebral disk degeneration, disc narrowing, osteophyte formation, and calcification of ligaments in the cervical and lumbar spine.
Interpretations and Suggestions: Regular physical therapy and stretching can help maintain flexibility and ease discomfort. Physical therapy, including stretches, may be helpful in some cases. An ergonomic assessment of your workplace and adoption of posture correction techniques may improve symptoms.

20. Diagnosis:
Impression: Mild coronary artery disease
Evidence-Based on: CT heart scan showing coronary artery calcification with a total score of 195 and coronary CT angiography revealing mild stenosis in the LAD and LCx arteries.
Interpretations and Suggestions: Discuss with your healthcare provider the need for medication to manage lipid levels and possibly aspirin for its antiplatelet effect. Lifestyle changes, including dietary modifications, regular physical activity, and managing stress, are crucial. Regular monitoring of your heart health is recommended to assess the progression of coronary artery disease.

21. Diagnosis:
Impression: Calcified small vessel disease, Stage 1
Evidence-Based on: MRI brain scan findings.
Interpretations and Suggestions: Control vascular risk factors, such as high blood pressure and diabetes, to slow the progression. Consideration of statin therapy may be discussed based on your overall risk profile. Regular neurologic evaluations can help in monitoring the condition.

22. Diagnosis:
Impression: Bilateral renal cysts
Evidence-Based on: MRI of the abdomen showing cysts in both kidneys, the largest measuring approximately 3.1 cm.
Interpretations and Suggestions: Regular monitoring of renal function and cyst size is recommended. Ensure adequate hydration and consult with your healthcare provider before taking medications that may affect kidney function. Typically, surveillance is not required unless symptoms arise or significant changes are observed.

23. Diagnosis:
Impression: Mild prostate enlargement
Evidence-Based on: MRI of the male pelvis indicating mild prostate enlargement.
Interpretations and Suggestions: Urinary symptoms such as urinary frequency, urgency, or frequency at night. Further evaluation for benign prostatic hyperplasia may be necessary. Discuss dietary modifications, fluid intake, or potentially temporary medication to manage with a urologist to alleviate symptoms and improve quality of life.

24. Diagnosis:
Impression: Intermittent disc herniation and spinal stenosis
Evidence-Based on: MRI findings of disc herniation at lumbar L4/L5 and cervical C4/C5 with moderate spinal canal narrowing.
Interpretations and Suggestions: Consider physical therapy, including chiropractic, anti-inflammatory medications, and possibly corticosteroid injections, to alleviate discomfort. Maintain a healthy weight and engage in low-impact exercises to manage symptoms.

25. Diagnosis:
Impression: Compensatory emphysema
Evidence-Based on: Chest X-ray findings indicating compensatory emphysema, likely due to chronic obstructive pulmonary disease (COPD).
Interpretations and Suggestions: Regular monitoring of lung function and oxygen saturation is advised. Engage in smoking cessation, if applicable, and avoid exposure to lung irritants. Regular follow-up with your healthcare provider is recommended to monitor the condition's progression and manage symptoms.

프리미엄 보고서

프리미엄 보고서

선진이미징 또는 VIP 패키지가 포함될 수 있는 고가치 건강검진 패키지에 적합합니다. 영양 지침 보고서와 함께 상세하고 종합적인 AI 진단 분석을 제공합니다.

2. 도입 효과

2-4. 사용자 정의 가능한 보고서 모듈

2. 도입 효과

2-4. 사용자 정의 가능한 보고서 모듈

독점 3가지 부가가치 플랜 제공

건강검진 보고서에는 부가가치가 있는 식이 권장 사항, 보충 제안, 생활습관의학 제안이 포함되어 있습니다.

식이 권장 사항

Diet Suggestions:

- Incorporate a high fiber diet with plenty of fruits, vegetables, whole grains, and legumes to manage prediabetes and hyperlipidemia, and to aid in weight loss.
- Choose lean protein sources and healthy fats, such as fish rich in omega-3 fatty acids, to support heart health.
- Limit intake of salt and processed foods to help control blood pressure.
- Avoid foods high in refined sugars and carbohydrates to help manage blood glucose levels.
- Opt for low glycemic index foods to stabilize blood sugar.
- Ensure adequate hydration throughout the day.

보충 제안

Supplement Recommendations:

- Consider a daily multivitamin that does not exceed 100% of the Daily Value of iron, unless otherwise directed by your physician, due to Thalassemia Minor.
- Omega-3 fatty acids supplement could be beneficial for heart health.
- A Vitamin D supplement may be beneficial, especially if your lifestyle or geographic location limits sun exposure.
- Magnesium supplements could help in managing hypertension and might assist in improving sleep quality.

생활습관의학 제안

Lifestyle Medicine Suggestions:

- Adopt a whole-food, plant-predominant eating pattern focusing on nutrient density to support weight management, improve lipid profile, and manage blood sugar levels.
- Engage in regular physical activity, aiming for at least 150 minutes of moderate aerobic exercise per week, along with muscle-strengthening activities on two or more days per week. This will aid in managing obesity, hypertension, and prediabetes.
- Ensure restorative sleep by maintaining a consistent sleep schedule, creating a sleep-conducive environment (cool, dark, and quiet), and avoiding stimulants and screens before bedtime.
- Manage stress effectively through mindfulness techniques, such as meditation, deep breathing exercises, or yoga. These practices can help in reducing blood pressure and improving overall well-being.
- Avoid risky substances by limiting alcohol consumption and avoiding smoking or the use of illicit drugs. Given Gilbert's Syndrome, minimizing alcohol intake is particularly important to avoid additional liver stress.
- Foster positive social connections by maintaining close relationships with friends and family. Participating in community or group activities that interest you can also provide emotional support and improve mental health.

2. 도입 효과

2-5. 다국어 보고서 생성

한국어, 스페인어, 중국어, 태국어, 베트남어, 일본어 등 건강 검진 고객의 다양한 언어 요구에 맞춰 다양한 배경을 가진 환자의 접근성을 보장합니다.



多國語系健檢報告 (中文)

Multilingual Health Checkup Reports (English)

Informe de chequeo de salud multilingüe (Spanish)

Báo cáo kiểm tra sức khỏe đa ngôn ngữ (Vietnamese)

รายงานการตรวจสุขภาพหลายภาษา (Thai)

多言語健診報告 (Japanese)

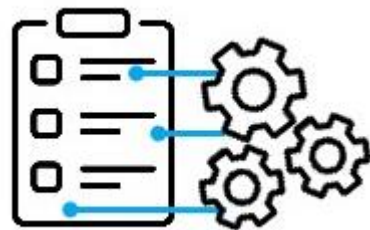
Rapports de contrôle de santé multilingues (French)

다국어 건강 검진 보고서 (Korean)

3. 시스템이 기존 설정과 연계되는 방법

Dr. AI MedExam Pro는 다음과 같이 건강검진센터의 보고서 시스템과 통합됩니다 :

- 건강검진 항목에 대한 기본 데이터 매핑 및 초기설정



- API 연동을 통해 비식별 건강검진 데이터 전송



4. 도입사례

우리는 FuJen Catholic University Hospital 및 Lotus Poh-Ai Hospital과 협력하고 있습니다.
또한, 그 밖에도 몇개의 건강진단 센터가 도입을 적극적으로 검토중입니다.



Fu Jen Catholic University Hospital



Lotung Poh-Ai Hospital

설립

2017년 9월 29일

1953년

종류

대학병원

종합병원

진료
규모

• 입원 : 656개 병상(2022년 8월시점)

• 입원 : 753개 병상

5. 무료 시험 보고서 신청

Dr.AI MedExam Pro가 제공하는 탁월한 효율성과 개인화된 케어를 경험해 보시기 바랍니다.

무료체험을 신청하시면 센터용 맞춤형 건강검진 보고서를 작성하기 위해 저희 팀이 연락드립니다.

시험 보고서는 환자의 개인 정보를 보장하기 위해 비식별화됩니다.



시험 보고서 신청

<https://www.draiai.com/kr/trial-request>

Dr.AI 의 힘을 즐겨보세요

Medical Exam Center



Dr.AI MedExam Pro

<https://www.draiai.com/kr/medexampro>

Healthcare Professionals



Dr.AI홈 페이지

<https://www.draiai.com/>

Individuals



곧 출시 예정





IntoWell Biomedical Technology Inc.

의료 분야의 경계를 넘어서기: Dr.AI로 새로운 시대를 개척하기