

에이아이인사이트 솔루션 사용 설명서

안저 카메라 OPTiNA Genesis
망막 실명 질환 진단 AI 솔루션 'WISKY'



안저카메라 사용자 설명

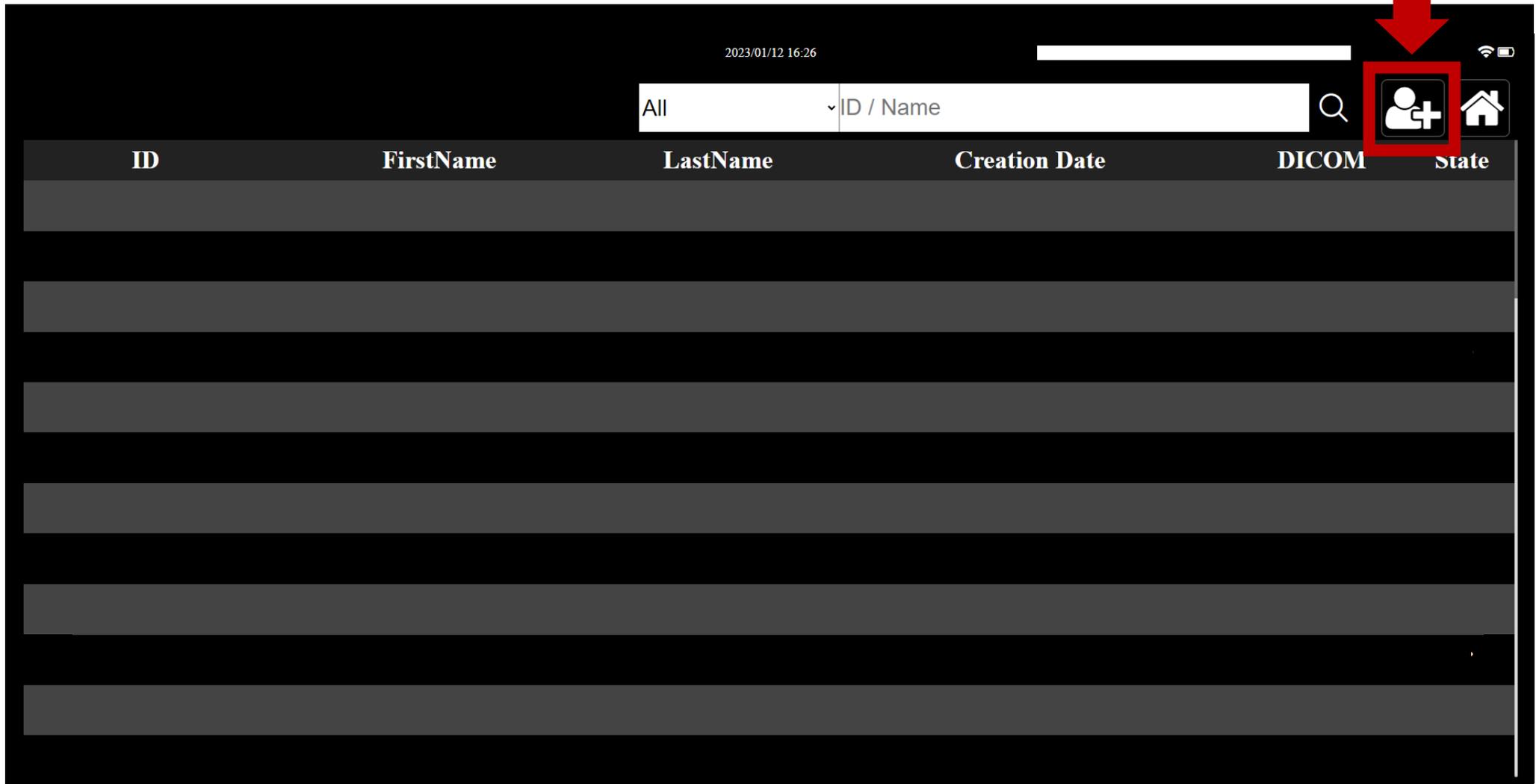
OPTiNA Genesis

1. 카메라 전원 ON



기본 화면

2. Patient(환자) 클릭 = 환자 ID 생성 메일 화면임



사용자 설명서

3. 원하는 ID 입력(숫자 및 알아보기 쉬운 문구) = A00001, 1001

First Name : 이름 입력 ex) 길동

Last Name : 성 입력 ex) 홍

Gender : 클릭하여 남/여 설정 (Male/남, Female/여)

DOB : 생년월일 입력, 자동으로 현재날짜로 입력되오니 클릭하지 아니하여도됨.



The screenshot shows a registration form with the following fields and values:

- ID: A11004
- First Name: 길동
- Last Name: 홍
- Gender: Male
- DOB: 2023/01/12

At the bottom of the form, there are two buttons: "Save" and "Back".

4. 환자 ID 설정 후 좌측 하단 Save 클릭



The screenshot shows a patient information form with the following fields:

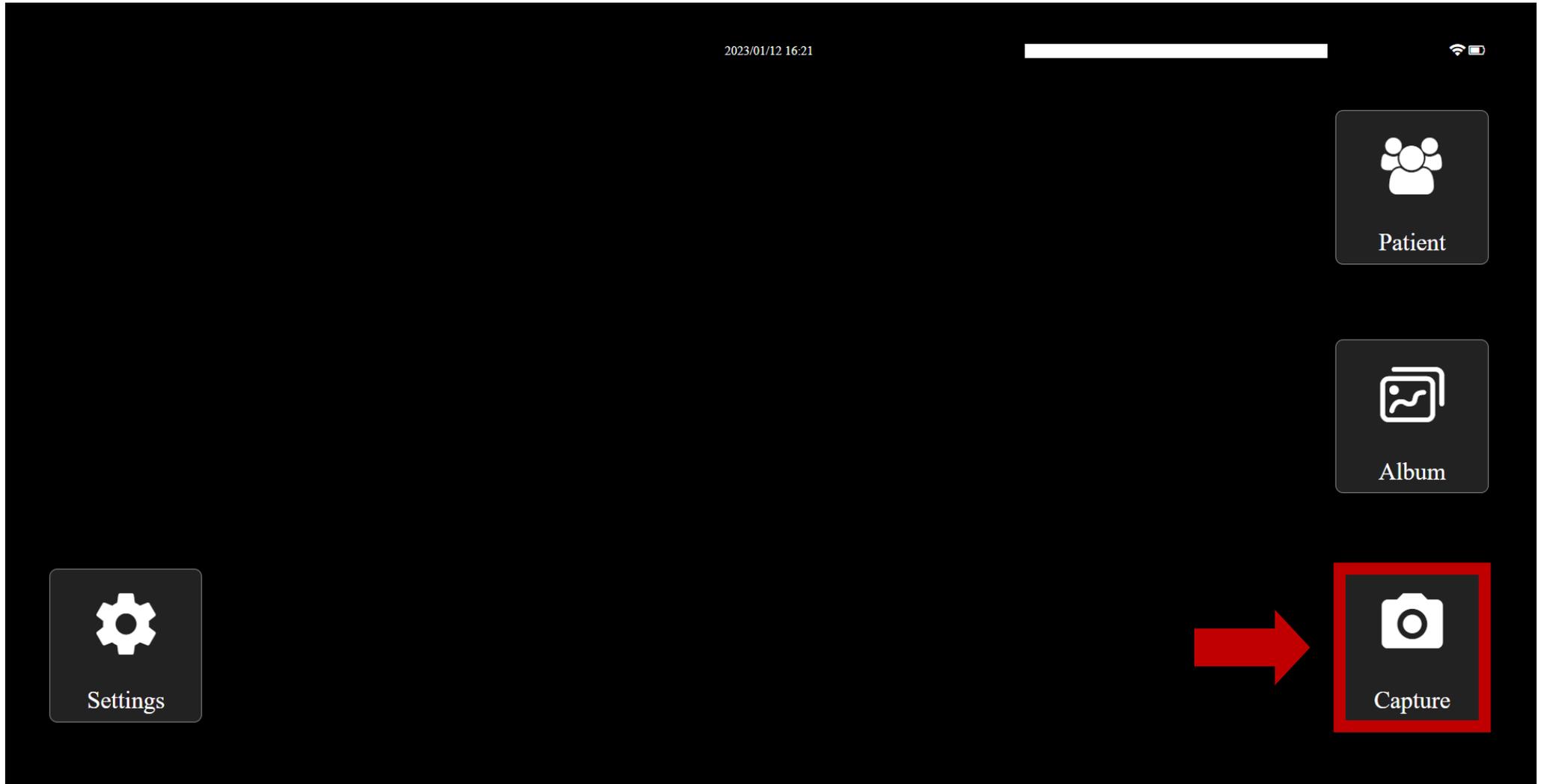
- ID: AI1004
- First Name: 길동
- Last Name: 흥
- Gender: Male
- DOB: 2023/01/12

At the bottom left, a red arrow points to a "Save" button, which is highlighted with a red square. To the right of the "Save" button is a "Back" button.

5. 환자 이마를 카메라에 밀착하고 두 손으로 카메라를 잡아
카메라가 움직이지 않도록 고정함

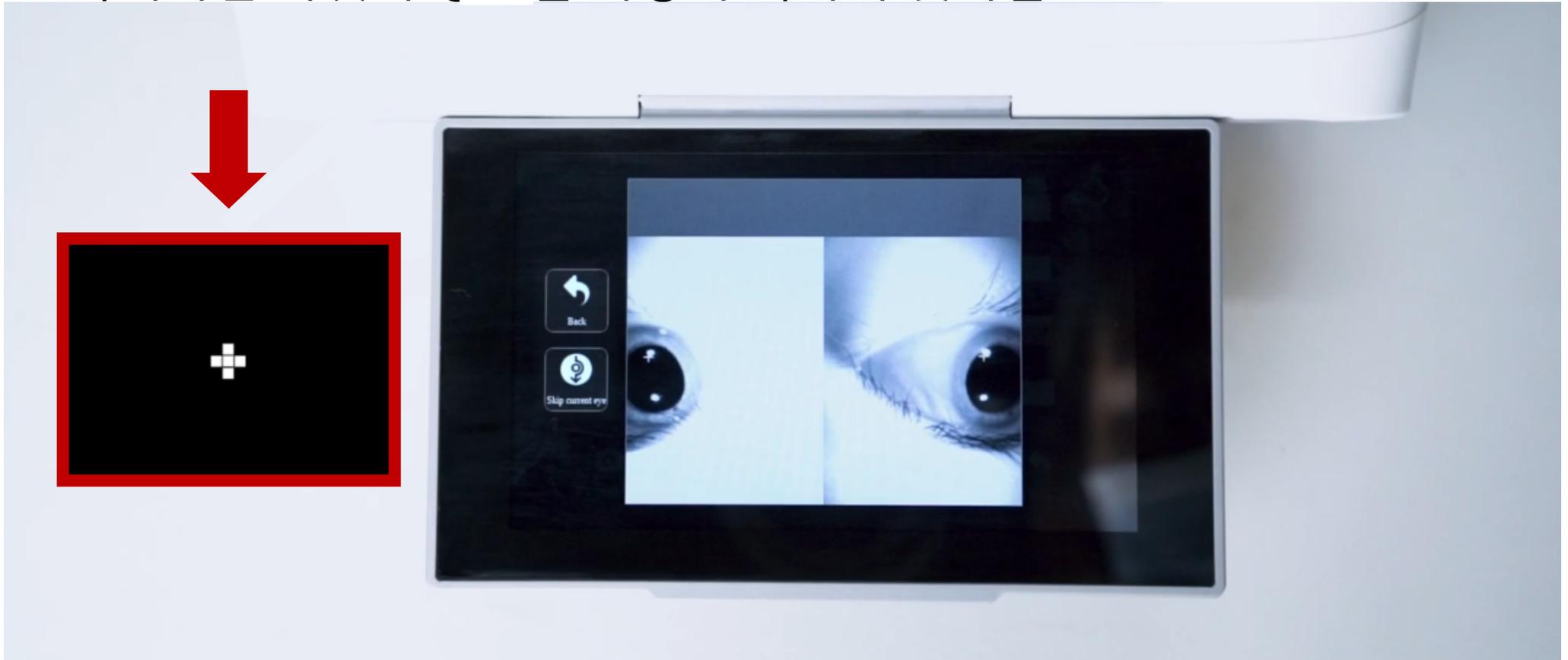


6. 담당자는 카메라 화면 우측 하단에 Capture를 눌러서 촬영 시작



사용자 설명서

7. 환자는, 안내 음성 에 따라 픽세이션 타겟(십자 모양)을 바라봄.
이 때 억지로 픽세이션 타겟을 찾으려 하지 말고, 가만히 허공을 바라
보면
픽세이션 타겟이 망막을 자동 추적하여 찾아옴



8. 초점 조정이 완료되면, 픽세이션 타겟(십자 모양)옆에 빨간 선이 수평으로 일치되며 사진 촬영이 시작됨(약 1초)

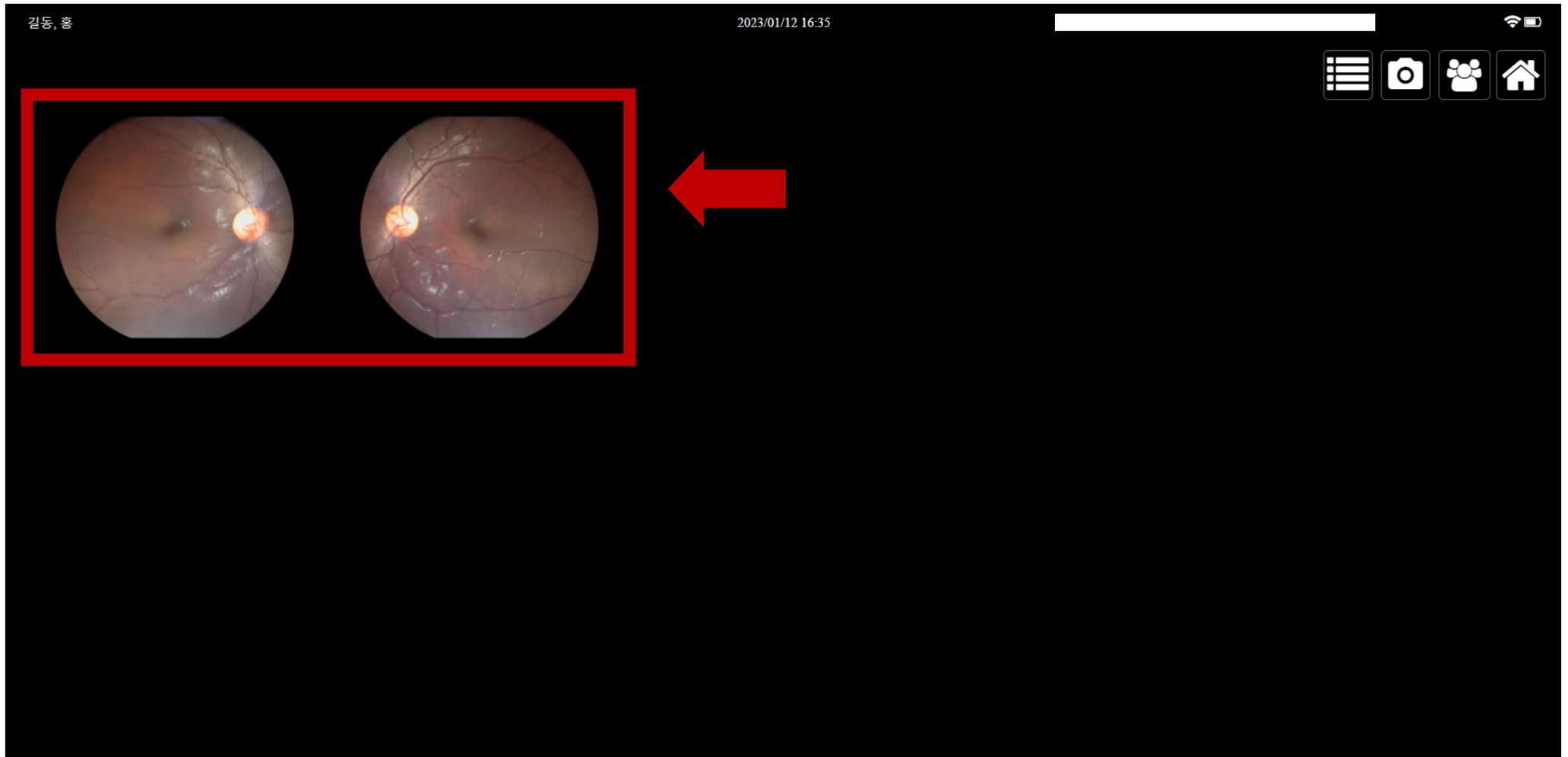


9. 좌안 촬영 후, 아래 사진과 같이 렌즈가 우측으로 이동 하여
우안 촬영이 시작되며, 이전 절차와 같이 동일하게 촬영 됨.

* 단, 이때 우측촬영이 바로 시작되니, 환자는 얼굴을 때면 안됨.



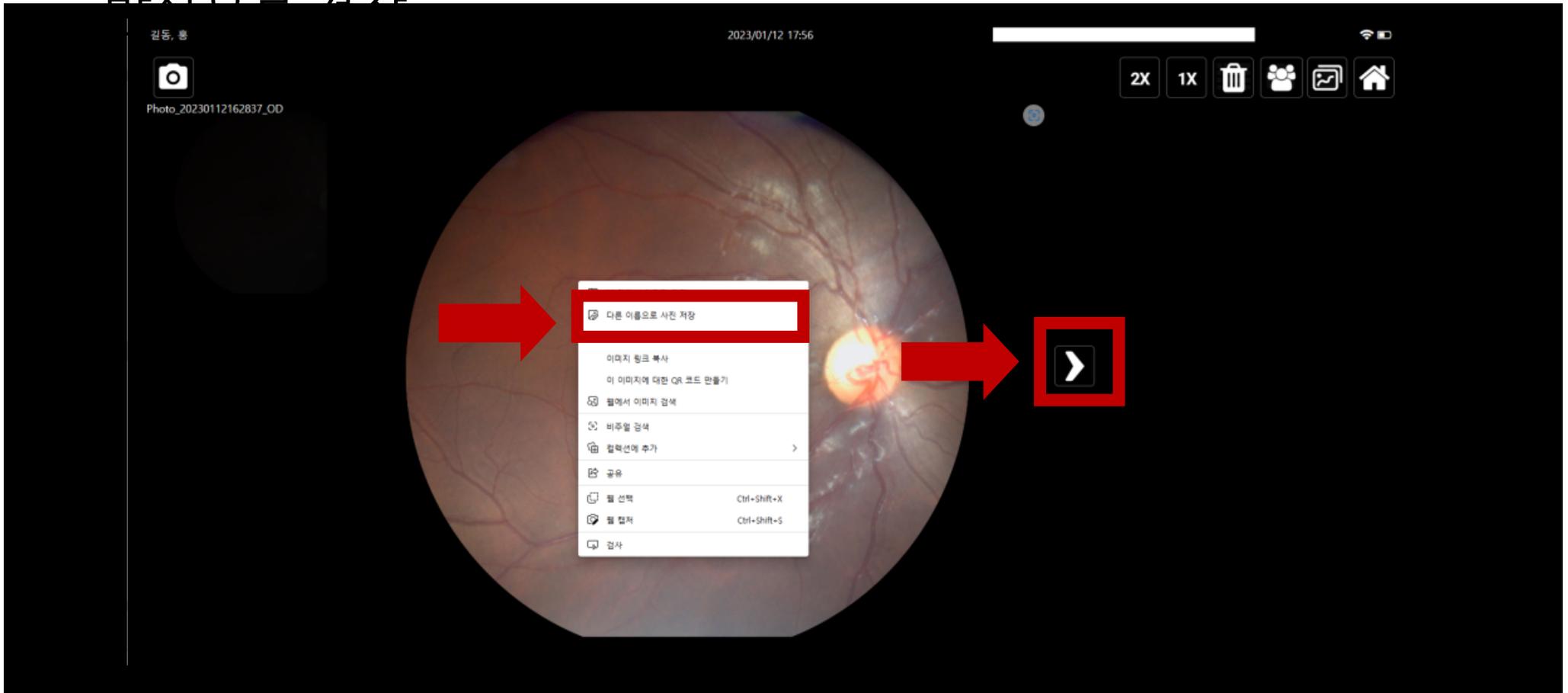
10. 양안 촬영 완료 후, 잠시 기다리면 아래와 같이 사진 저장 화면으로 이동함.



사용자 설명서

11. 해당 사진을 한번 클릭(터치)하여, 상세화면으로 들어와 이미지를 우측 클릭하여, 저장함. 우측 아이콘을 클릭하여, 다른 이미지도 동일한

반시야 크기

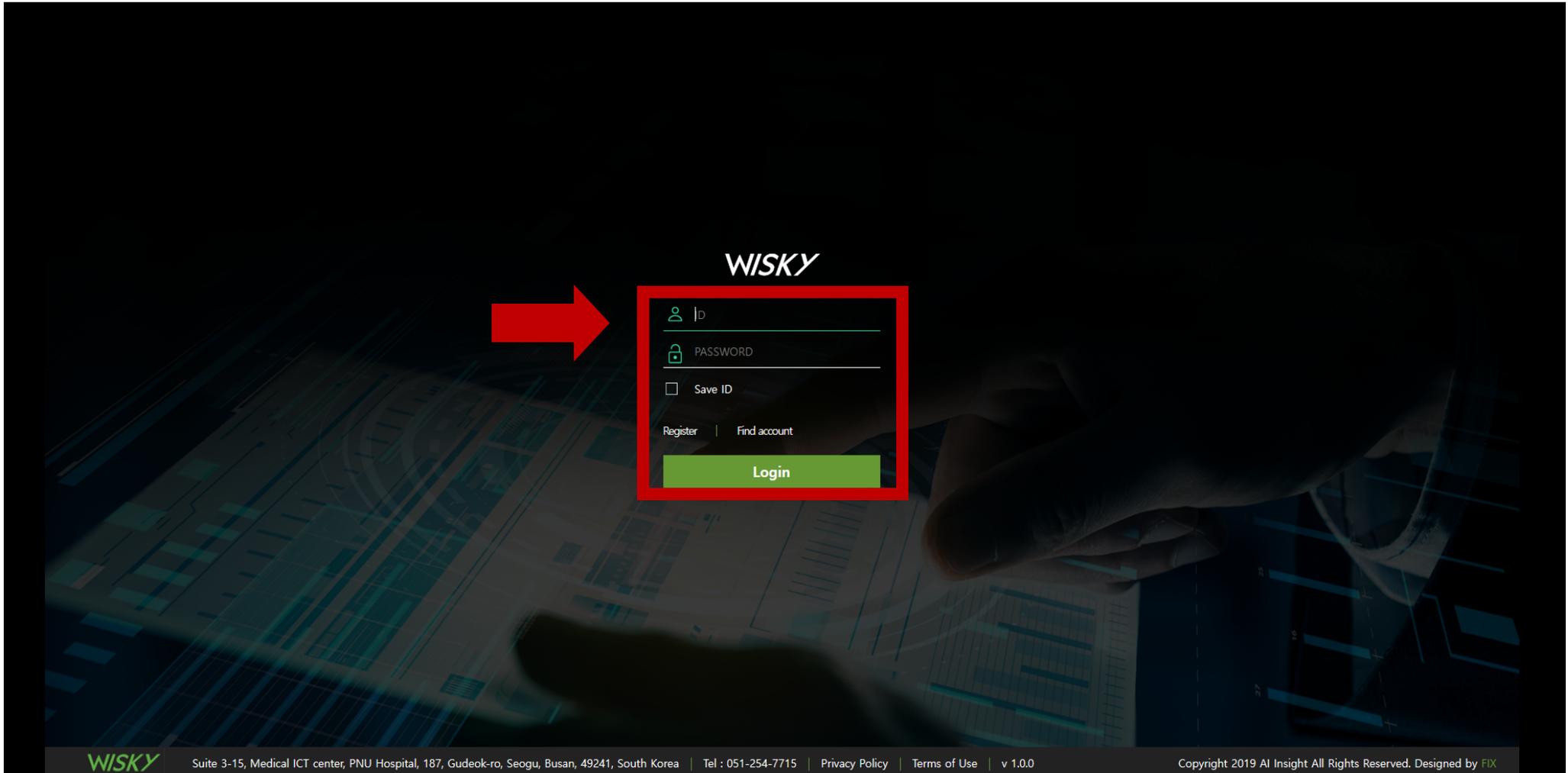


실명질환 판독 인공지능 WISKY 사용 설명서

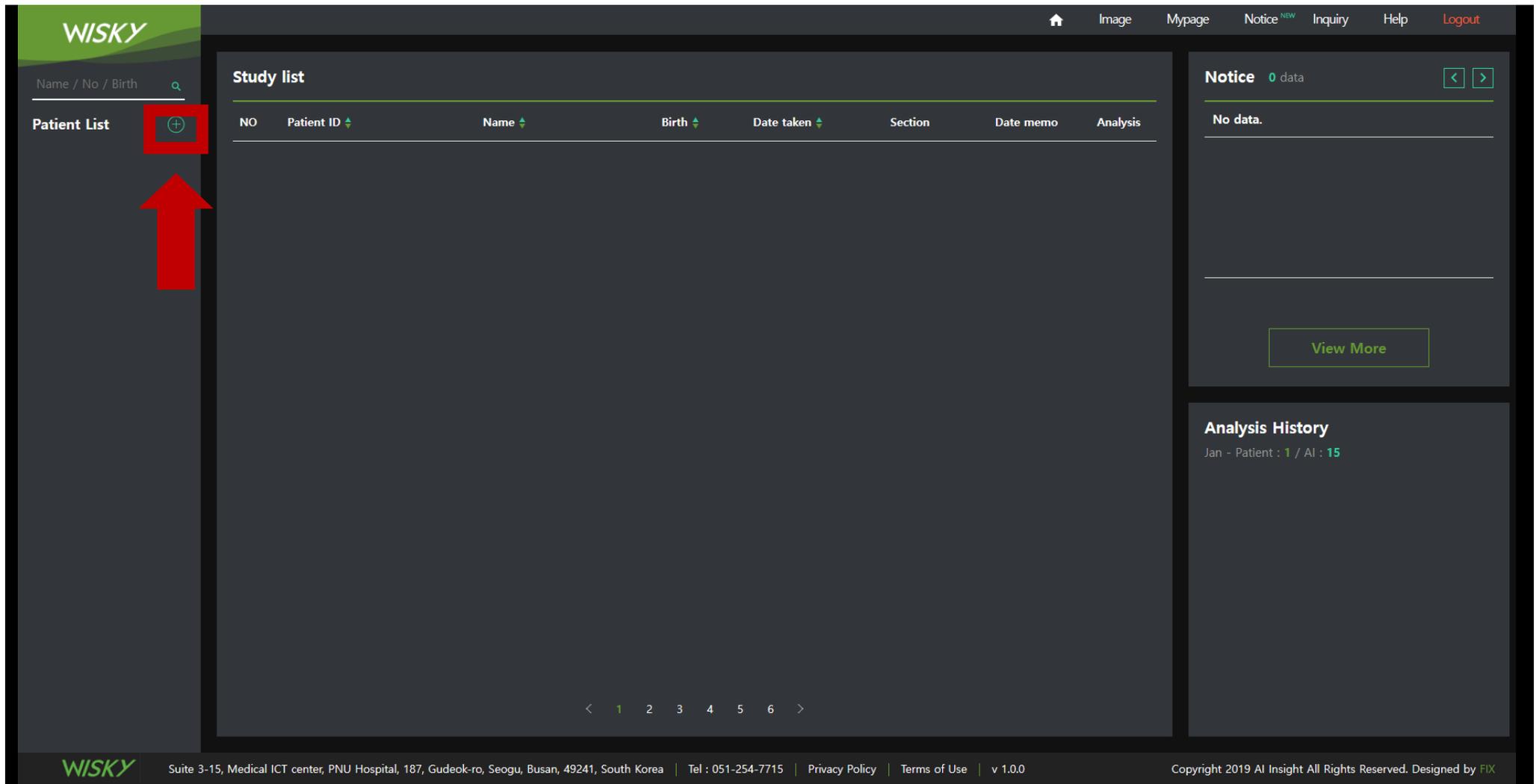
WISKY

1. www.wisky.io 접속

1. 발급받은 ID 입력
2. PASSWORD
3. Login 버튼 클릭

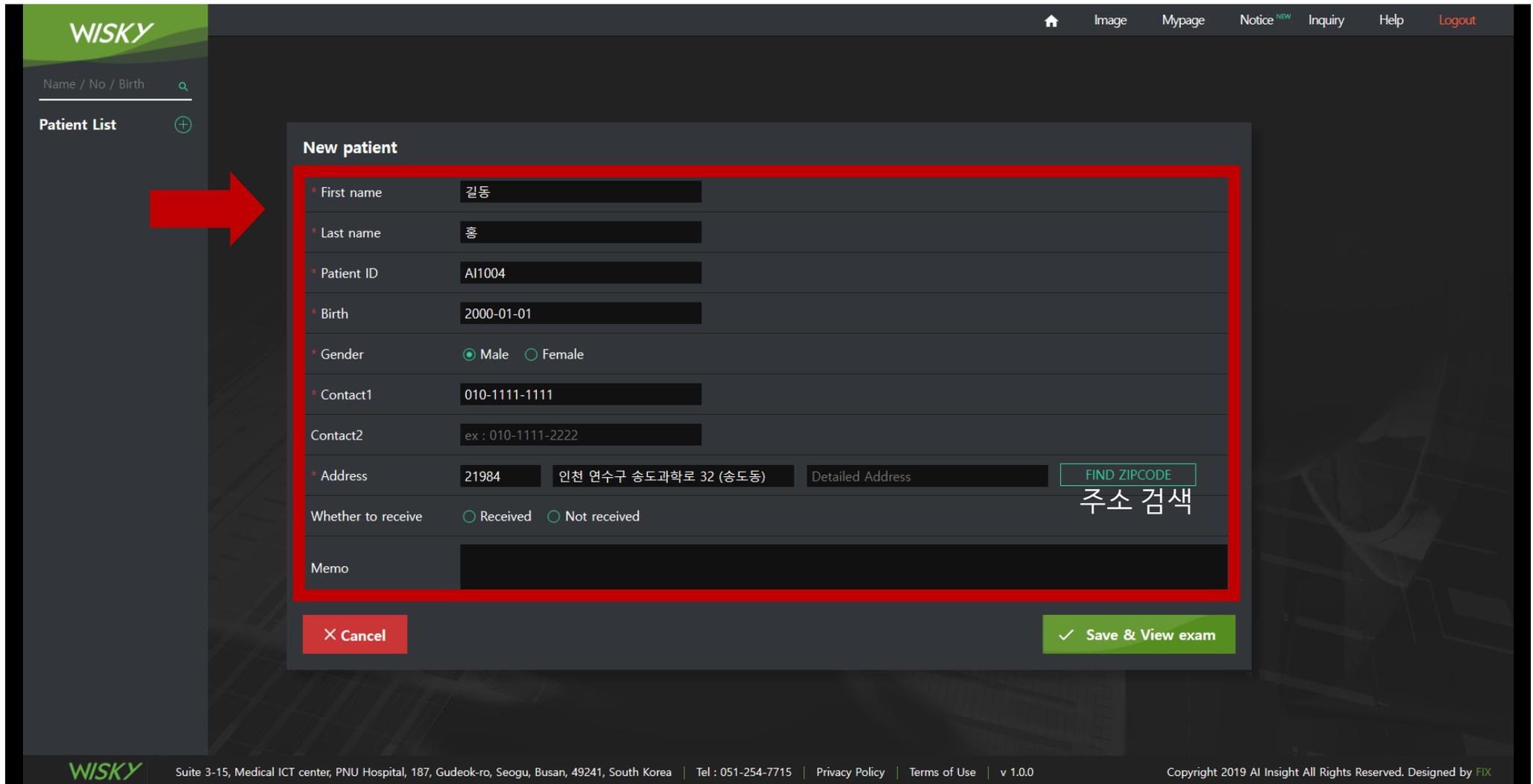


2. WISKY 메인 화면 및 환자 정보 등록 : + 클릭



The screenshot displays the WISKY main interface. On the left sidebar, the 'Patient List' section contains a search bar and a red-bordered box with a '+' icon, which is pointed to by a red arrow. The main content area features a 'Study list' table with the following columns: NO, Patient ID, Name, Birth, Date taken, Section, Date memo, and Analysis. The table is currently empty. On the right side, there is a 'Notice' section with '0 data' and a 'View More' button. Below that is an 'Analysis History' section showing 'Jan - Patient : 1 / AI : 15'. The footer contains the WISKY logo, contact information, and copyright details.

3. 환자 ID 등록 : *필수 입력



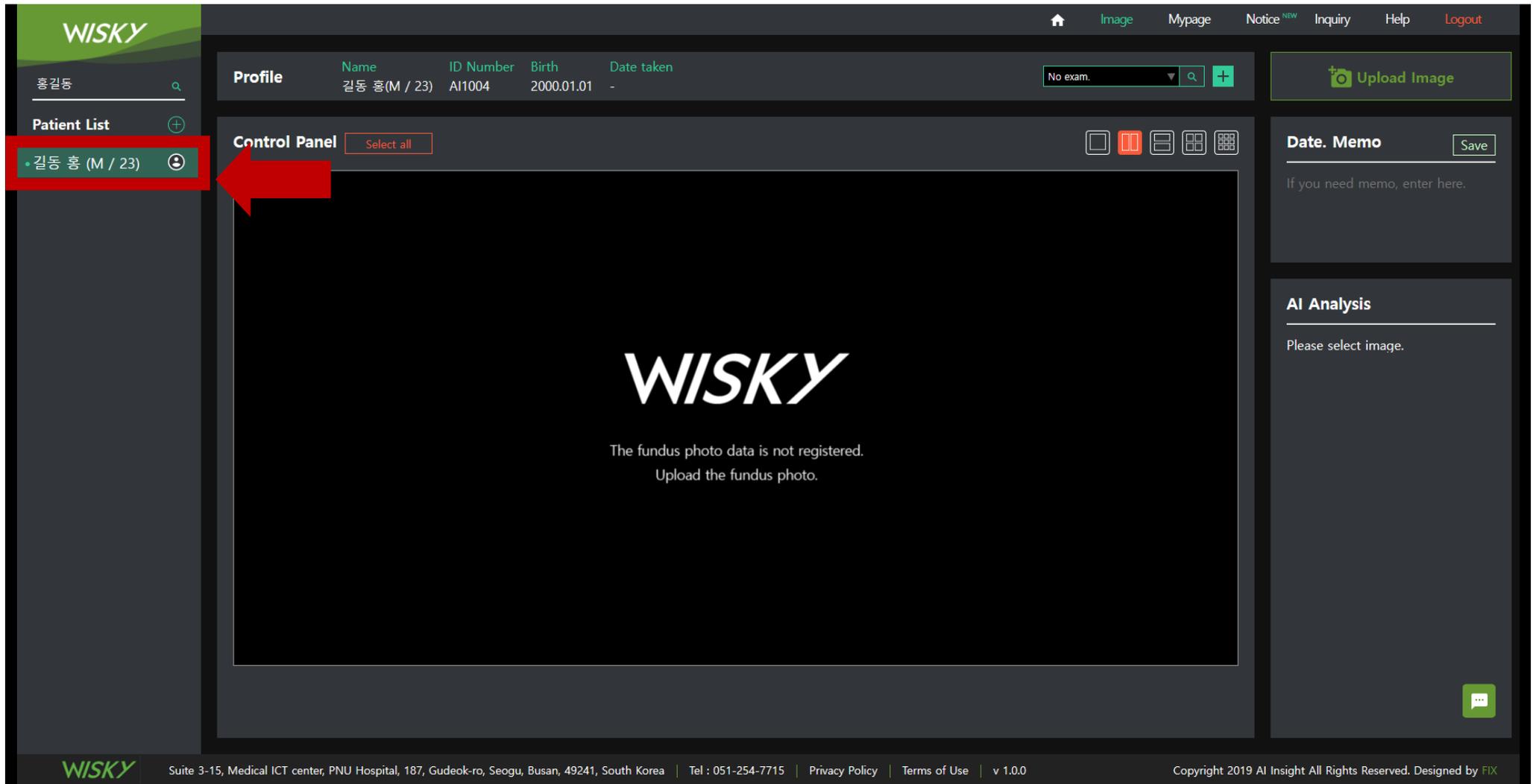
The screenshot shows the 'New patient' registration form in the WISKY application. A red arrow points to the form, and a red border highlights the required fields. The form includes the following fields:

- * First name: 길동
- * Last name: 홍
- * Patient ID: AI1004
- * Birth: 2000-01-01
- * Gender: Male Female
- * Contact1: 010-1111-1111
- Contact2: ex : 010-1111-2222
- * Address: 21984 인천 연수구 송도과학로 32 (송도동) Detailed Address 주소 검색
- Whether to receive: Received Not received
- Memo: [Empty text area]

Buttons at the bottom:

Page footer: WISKY Suite 3-15, Medical ICT center, PNU Hospital, 187, Gudeok-ro, Seogu, Busan, 49241, South Korea | Tel : 051-254-7715 | Privacy Policy | Terms of Use | v 1.0.0 Copyright 2019 AI Insight All Rights Reserved. Designed by FIX

4. 환자 ID 등록 확인



The screenshot displays the WISKY user interface. On the left, a sidebar contains a search bar for '홍길동' and a 'Patient List' section. The patient list entry for '길동 홍 (M / 23)' is highlighted with a red box and a red arrow pointing to the main content area. The main content area shows the patient's profile with fields for Name, ID Number, Birth, and Date taken. Below the profile is a 'Control Panel' with a 'Select all' button. The central area is mostly black with the WISKY logo and a message: 'The fundus photo data is not registered. Upload the fundus photo.' On the right, there are sections for 'Upload Image', 'Date. Memo', and 'AI Analysis'. The footer contains contact information and copyright details.

Profile	Name	ID Number	Birth	Date taken
	길동 홍 (M / 23)	AI1004	2000.01.01	-

Control Panel: [Select all](#)

WISKY

The fundus photo data is not registered.
Upload the fundus photo.

Upload Image

Date. Memo [Save](#)

If you need memo, enter here.

AI Analysis

Please select image.

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5. 일정 추가 후 등록 : 동일 환자, 다른일정 촬영을 위한 기능

The screenshot displays the WISKY user interface. At the top, there is a navigation bar with 'Image', 'Mypage', 'Notice', 'Inquiry', 'Help', and 'Logout'. Below this is a 'Profile' section for patient '길동 홍 (M / 23)' with ID 'AI1004' and birth date '2000.01.01'. A dropdown menu shows 'No exam.' with a search icon and a plus sign. A 'Control Panel' with a 'Select all' button is visible. The main area features a 'Date. Memo' section and an 'AI Analysis' section. A modal window titled 'Add Treatment data' is open, showing a calendar for '2023년 1월' with the 12th selected. A red box highlights the modal, with a red arrow labeled '1' pointing to the 'No exam.' dropdown and another red arrow labeled '2' pointing to the 'Add data' button at the bottom of the modal.

Profile

Name	ID Number	Birth	Date taken
길동 홍 (M / 23)	AI1004	2000.01.01	-

Control Panel Select all

Add Treatment data

Fundus photo

2023년 1월

일	월	화	수	목	금	토
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Add data

6. Upload Image 클릭 : Add Files 클릭 및 저장공간 이미지 불러오기

The screenshot displays the WISKY web application interface. At the top, there is a navigation bar with 'Image', 'Mypage', 'Notice', 'Inquiry', 'Help', and 'Logout' options. Below this, a patient profile section shows details for '길동 홍 (M / 23)' with ID 'AI1004' and a birth date of '2000.01.01'. The 'Date taken' is '2023.01.12'. A red arrow points to the 'Date taken' field.

The main content area features a 'Control Panel' with a 'Select all' button. Below this is a large window titled 'Upload image' with the following text: 'Please attach a picture to upload. Only image files can be uploaded. - jpg, png, tif, gif, bmp'. The window includes a 'Select files' section with a table for file management:

Filename	Status	Size
Drag files here.		

At the bottom of the dialog, there is an 'Add Files' button (highlighted with a red box and arrow) and an 'Upload Image' button. A red arrow labeled '2' points to the dialog area.

On the right side of the interface, there is a 'Date. Memo' section with a 'Save' button and an 'AI Analysis' section with the instruction 'Please select image.'.

The footer contains the WISKY logo, address (Suite 3-15, Medical ICT center, PNU Hospital, 187, Gudeok-ro, Seogu, Busan, 49241, South Korea), contact information (Tel : 051-254-7715), and legal links (Privacy Policy, Terms of Use, v 1.0.0). Copyright 2019 AI Insight All Rights Reserved. Designed by FIX.

7. 불러온 안저이미지 확인 후, 하단 업로드 이미지 클릭



wi WISKY - 프로필 1 - Microsoft Edge

https://wisky.io/html/05/01_upload.php?patient_idx=4897&patient_exam_id...

Upload image

Please attach a picture to upload.
Only image files can be uploaded. - jpg, png, tif, gif, bmp

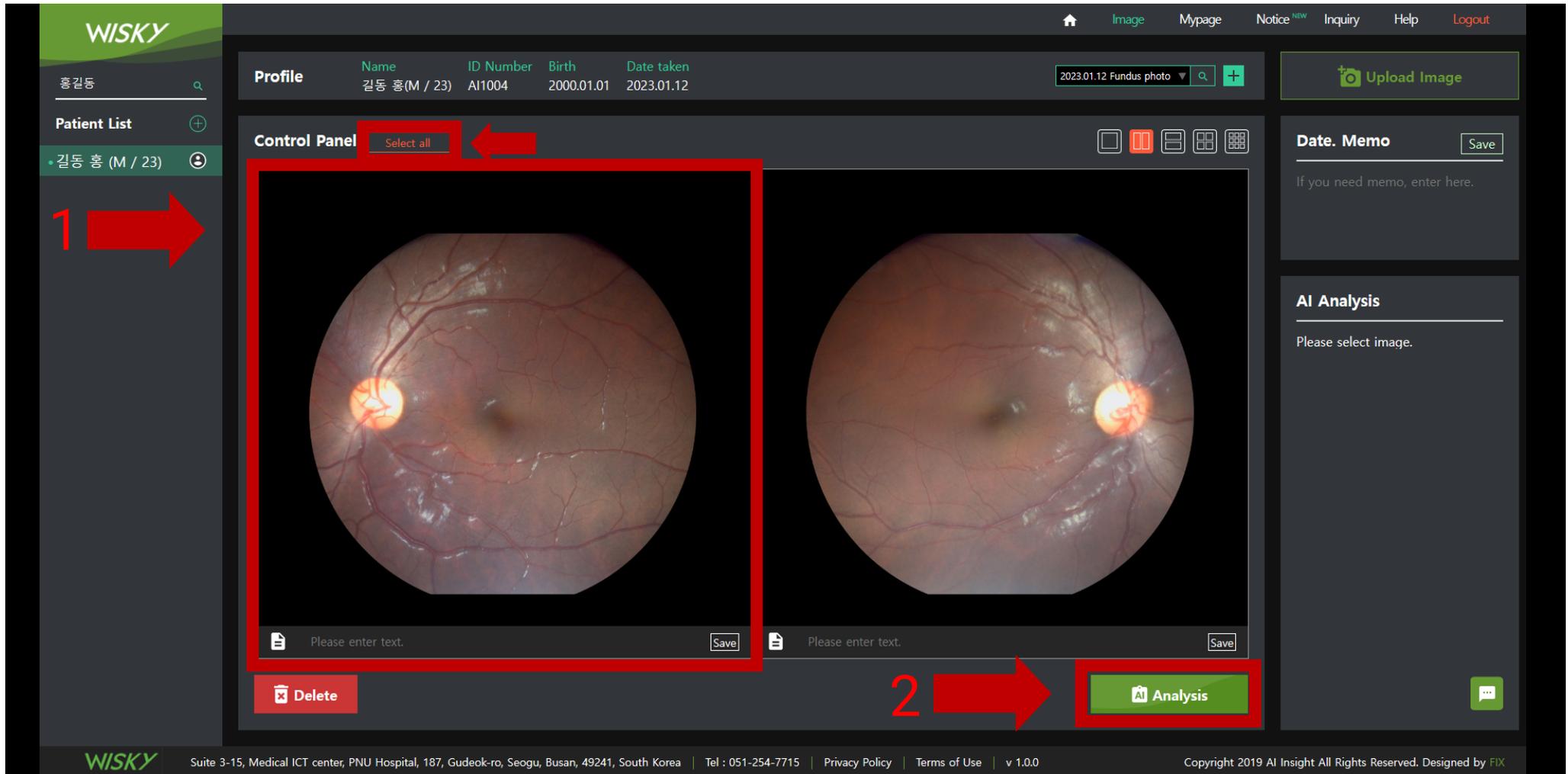
Select files
Add files to the upload queue and click the start button.

Filename	Status	Size
Photo_20230112162837_OD.jpg		719 kb
Photo_20230112162837_OS.jpg		742 kb

2 files queued 0% 1.4 mb

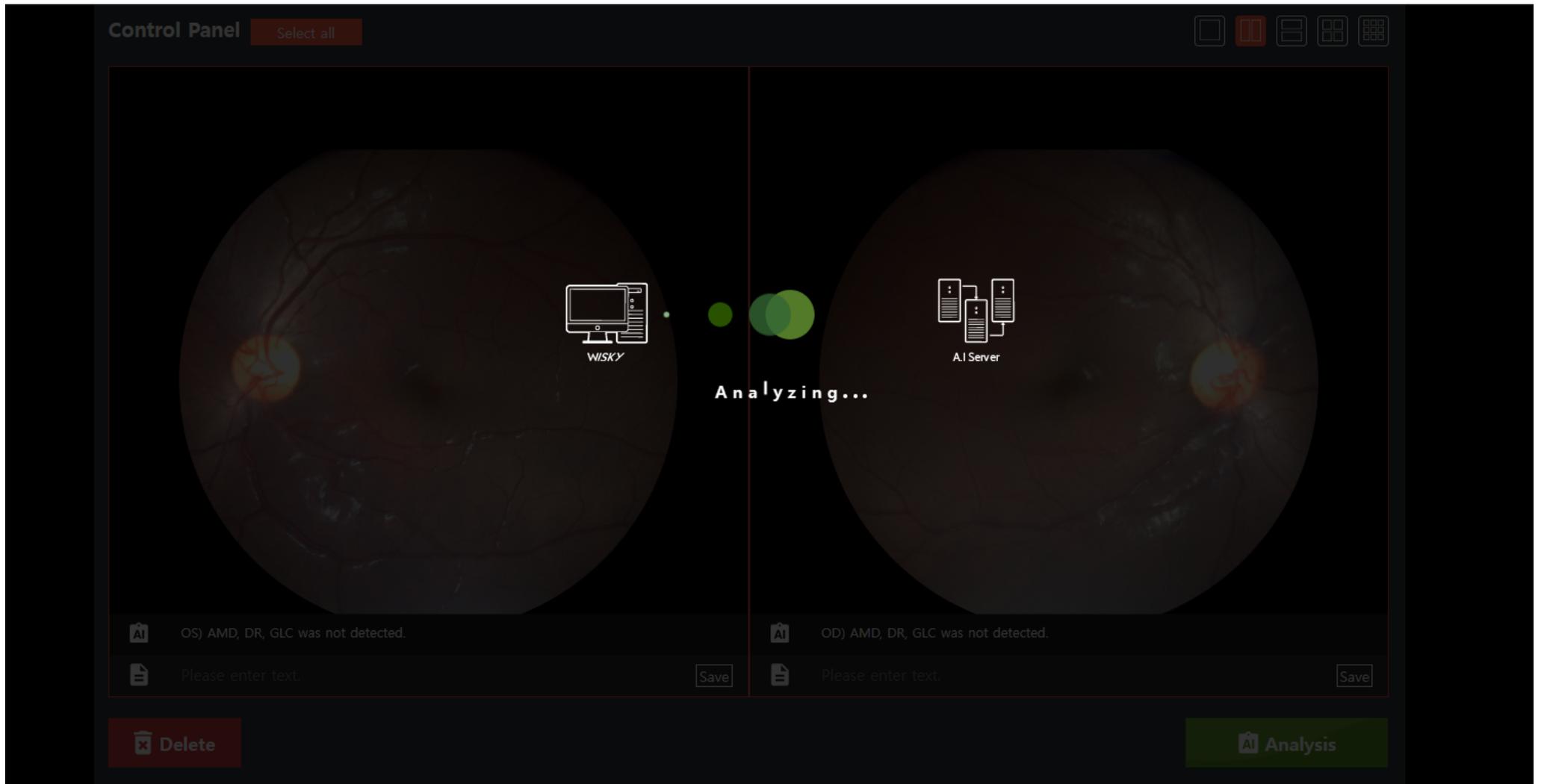
 Upload Image

8. 판독하고자 하는 이미지 클릭(혹은 상단 Select All 클릭) 후 Analysis(분석) 클릭

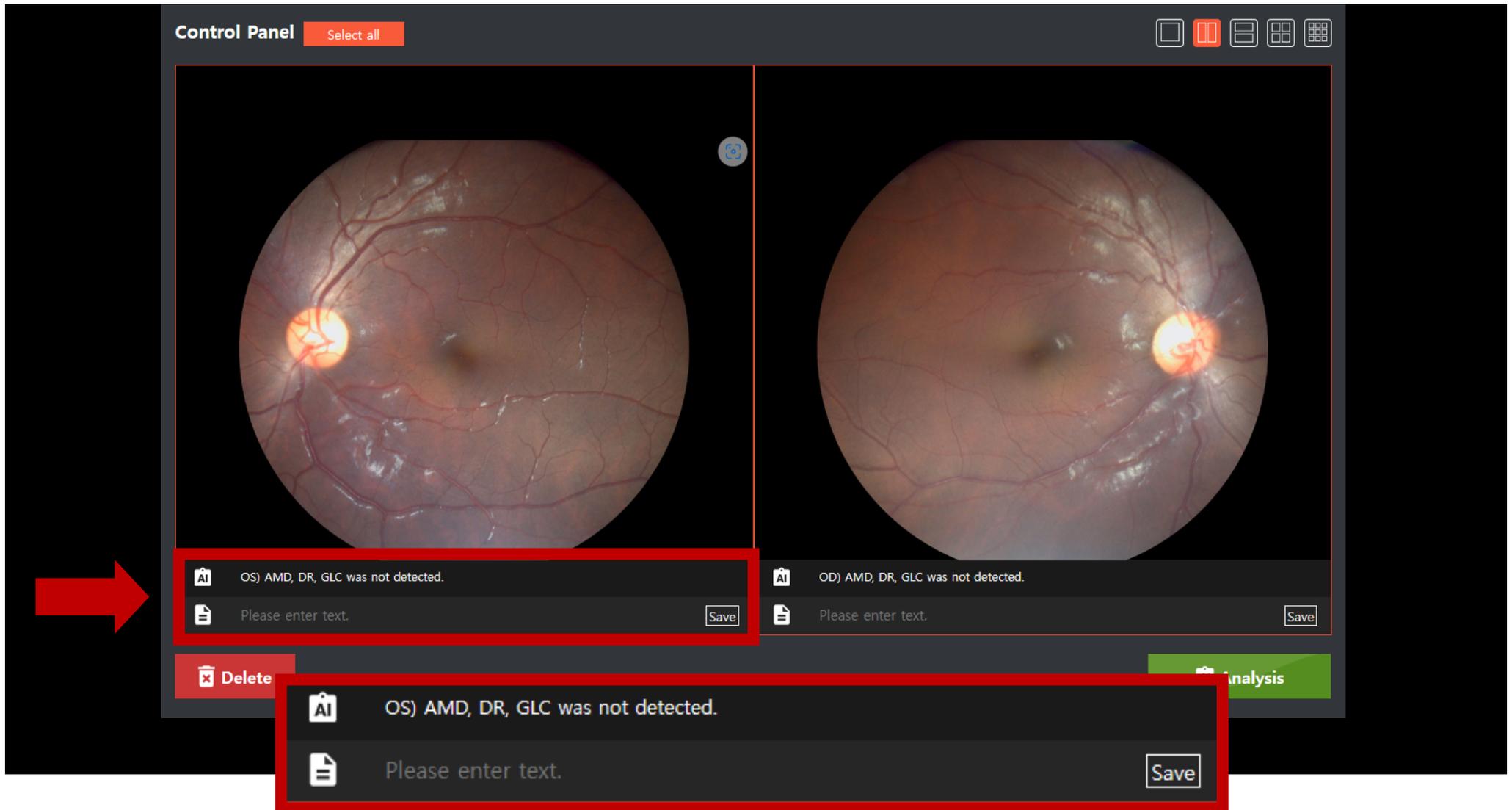


The screenshot displays the WISKY web application interface. On the left, a sidebar shows the patient list with a red arrow labeled '1' pointing to the patient '길동 홍 (M / 23)'. The main area features a 'Profile' section with patient details: Name (길동 홍 (M / 23)), ID Number (AI1004), Birth (2000.01.01), and Date taken (2023.01.12). Below this is a 'Control Panel' with a 'Select all' button highlighted by a red arrow. The central part of the interface shows two fundus images, both enclosed in a red rectangular box. At the bottom, a red arrow labeled '2' points to the 'Analysis' button. Other interface elements include a 'Delete' button, 'Save' buttons for text input fields, and a 'Date. Memo' section on the right.

9. 약 3-5초 이후 분석 완료



10. 판독 결과 제시



The screenshot displays the 'Control Panel' interface with two fundus images side-by-side. The left image is labeled 'OS' and the right image is labeled 'OD'. Below each image is a text box containing the analysis result: 'OS) AMD, DR, GLC was not detected.' and 'OD) AMD, DR, GLC was not detected.' respectively. A red arrow points to the OS result box. At the bottom, a larger red-bordered box highlights the OS result and a 'Save' button. A 'Delete' button is visible on the left, and an 'Analysis' button is on the right.

Control Panel Select all

OS) AMD, DR, GLC was not detected.
Please enter text. Save

OD) AMD, DR, GLC was not detected.
Please enter text. Save

Delete Analysis

OS) AMD, DR, GLC was not detected.
Please enter text. Save

감사합니다



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