



Instructions for Use for Healthcare Professionals

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Disclaimer

The Jaundice@Home platform is a complementary digital solution to the Picterus® Jaundice Pro device, supporting healthcare professionals in monitoring Picterus Jaundice Pro results.

The interpretation of Picterus Jaundice Pro results presented in Jaundice@Home should never be used as the sole basis for assessment, diagnosis, or treatment decisions of neonatal jaundice. Any follow-up actions remain the sole responsibility of the user and should be guided by clinical judgment.

Users of Jaundice@Home are fully responsible for how they use its information, which is at their own discretion and risk.

Picterus AS assumes no responsibility or liability for any actions taken or not taken based on the information provided by Jaundice@Home. If a newborn is suspected of experiencing a medical emergency or if there are concerns about their condition, parents/caregivers should be advised to seek immediate medical attention for the newborn.

Users should never delay seeking medical advice, discontinue treatment, or disregard professional medical recommendations based on the information provided by Jaundice@Home.

For more information check the [Privacy Policy and Terms and Conditions](#).

1. Introduction

Jaundice@Home is a software solution developed to enhance the capabilities of Picterus Jaundice Pro, allowing healthcare professionals to remotely monitor and assess neonatal jaundice. Through secure, real-time data exchange between parents and clinicians, Jaundice@Home supports timely identification and follow-up of jaundice cases remotely.

Combined, these technologies provide healthcare providers and parents with a solution for continuous monitoring of neonatal jaundice outside the hospital setting. This approach allows for earlier detection before and after discharge, may help reduce the need for additional blood tests, and could potentially lower hospital readmission rates.

2. Product description

The Jaundice@Home platform extends the capabilities of Picterus Jaundice Pro, enabling healthcare professionals to remotely manage neonatal jaundice with ease and confidence.

The platform allows users to visualize and track bilirubin results from Picterus Jaundice Pro, as well as manually enter transcutaneous bilirubinometer (TcB) and total serum bilirubin (TSB) values. These results are displayed on a graph that incorporates treatment thresholds based on international medical guidelines for jaundice management (Figure 1). The platform supports longitudinal tracking by displaying multiple results for individual patients on the same graph and provides healthcare professionals with remote access to Picterus Jaundice Pro data for clinical assessment.

Health care professionals can also request new scans to be performed directly through the platform. Parents/caregivers receive notifications by email, ensuring follow-up and accurate monitoring when bilirubin levels need to be reassessed.

The platform bridges the gap between home and clinic, making jaundice management more accessible, timely, and efficient.

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Figure 1. Jaundice@Home result dashboard. Results from Picterus Jaundice Pro, total serum bilirubin and transcutaneous bilirubinometer can be visualized over time on a graph showing treatment thresholds based on international medical guidelines for jaundice management.

2.1. Step-by-step usage guide of Jaundice@Home

To start using Jaundice@Home, a Picterus account and an active Jaundice@Home Organization membership are required.

An Organization membership includes three member categories:

- a) Admins
- b) Healthcare Professionals (HCP)
- c) Parents/Caregivers

Details about features available to HCPs are outlined below. Parents/Caregivers are not granted access to the platform; however, their contact information is visible on the platform dashboards.

To join a Jaundice@Home Organization, HCP need an invitation from an Admin. HCP share their email with the Admin, who sends an invitation with a confirmation link. If the email isn't in their inbox, it might be in the spam folder. The HCP will receive an email containing detailed instructions for setting up an account/using an existing account, including a link to a form where they can confirm their personal information. Upon selecting the "Complete Registration" button (Figure 2) they will be automatically redirected to the platform. Alternatively, HCP may access the platform directly via the Login page.

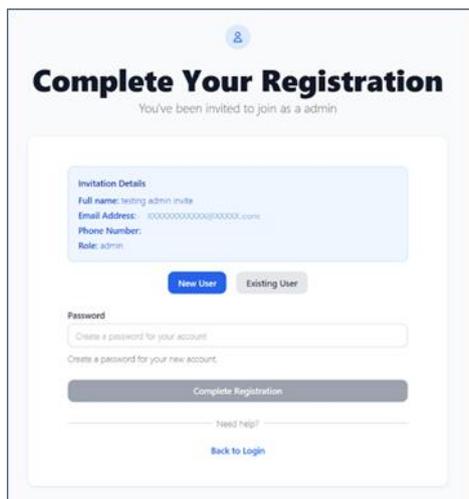


Figure 2 Registration form

2.1.1. Accessing Jaundice@Home

Jaundice@Home is accessible online through <https://jaundicehome.com/>. For the best experience and full functionality, please access the platform from a desktop computer.

Click the “Login” button located on the right side of the screen.

Users are required to enter the email address linked to their Picterus account and the corresponding password before selecting Sign in. If a user is invited to join an Organization and needs to create a Picterus account for the first time, the account must be created using the same email address that the invitation was sent to.

2.1.2. HCP Dashboard

2.1.2.1. Features

The HCP displays the following (Figure 3):

- a) Language selection and member profile information (top right).
- b) Menu (left side)
 - QR code: can be scanned by a Parent/Caregiver to register their Picterus account to the Organization.
 - User Manual: Link to IFU
 - Disclaimer: Important to read before using the platform
 - Link to contact Picterus
- c) Newborns overview (Figure 3): Includes all the newborns who are currently under the care of the Organization. Displayed details include total number of registered newborns, newborns’ full name, age, number of scans, last result, last result date/time, and parent/caregiver email address. Admin/HCP can edit the newborn information, request a scan or delete a newborn profile under Actions.

Editing a newborn profile is only possible if no scans have been performed.

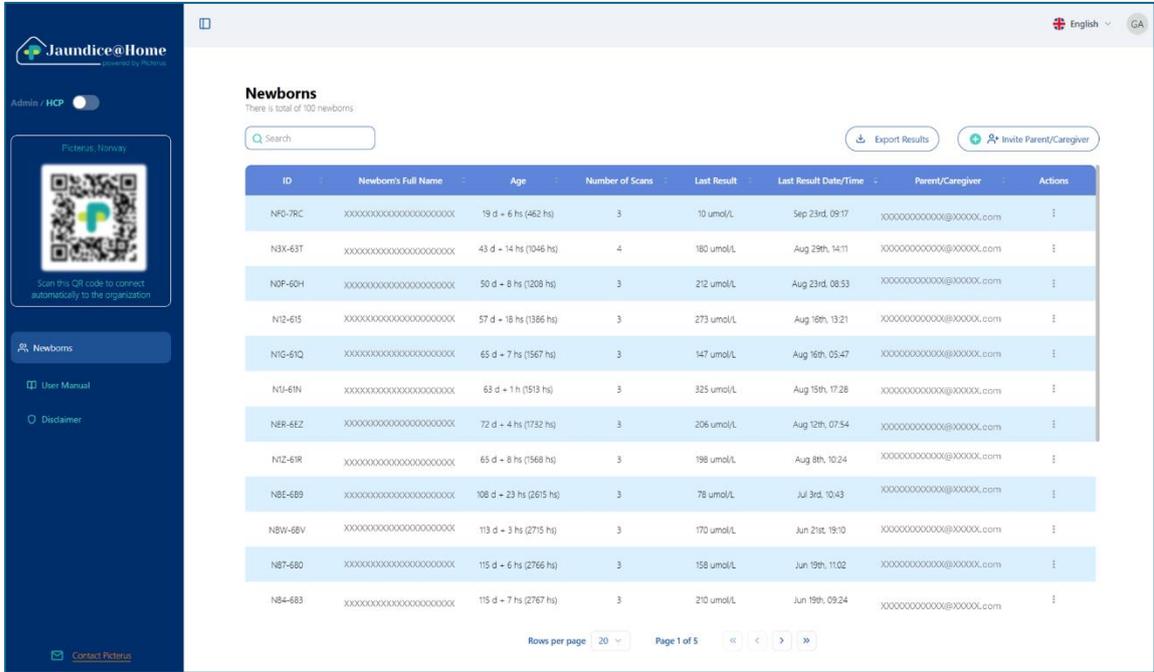


Figure 3 HCP Dashboard

- d) Search field: Search newborns by name
- e) “Export Results” button: Enables members to download the current results as an Excel file.
- f) “Invite Parent/Caregiver” button: details in next section.

2.1.2.2. Invite Parent/Caregiver step-by-step (Figure 4)

- ✓ Click the “Invite Parent/Caregiver” button
- ✓ Complete the form with the following information:
 - a) E-mail address of the Picterus account holder (usually the parent, caregiver, or legal guardian).
 - b) Phone number of parent/caregiver (optional)
 - c) Newborn’s information (optional):
 - Full name
 - Date and time of birth
 - Birth weight in grams
 - Gestational age in weeks
- ✓ Click the “Send Invitation” button.

A confirmation message will appear on the dashboard once the invitation has been successfully sent.

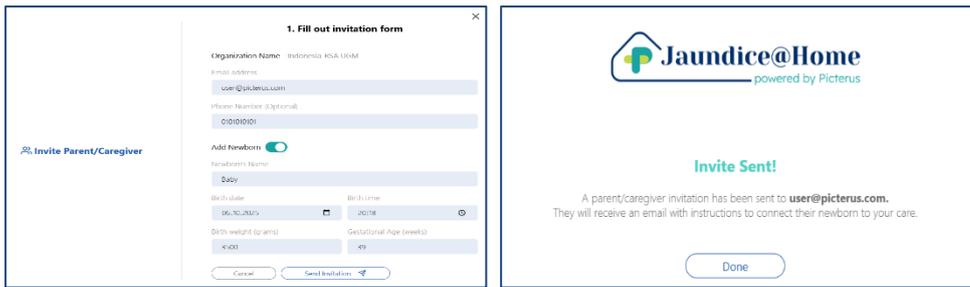


Figure 4 Inviting Parent/Caregiver

The parent/caregiver will receive an email with detailed instructions to download Picterus Jaundice Pro and connect to Jaundice@Home.

Alternatively, HCP can ask parents/caregivers to download the app, create a Picterus account and scan the provided QR code on the HCP dashboard to become a member of the Organization.

Once the parent/caregiver becomes a member, the newborn name will automatically appear in the Newborns overview on the dashboard.

2.1.3. Jaundice Assessment Dashboard

Selecting a newborn's name from the Newborns overview on the HCP dashboard opens the Jaundice assessment dashboard (Figure 5), which displays the following:

- a) Newborn Profile:
- Name
 - Age
 - Birthweight
 - Date and time of birth
 - Gestational age
 - Parent/caregiver name and email

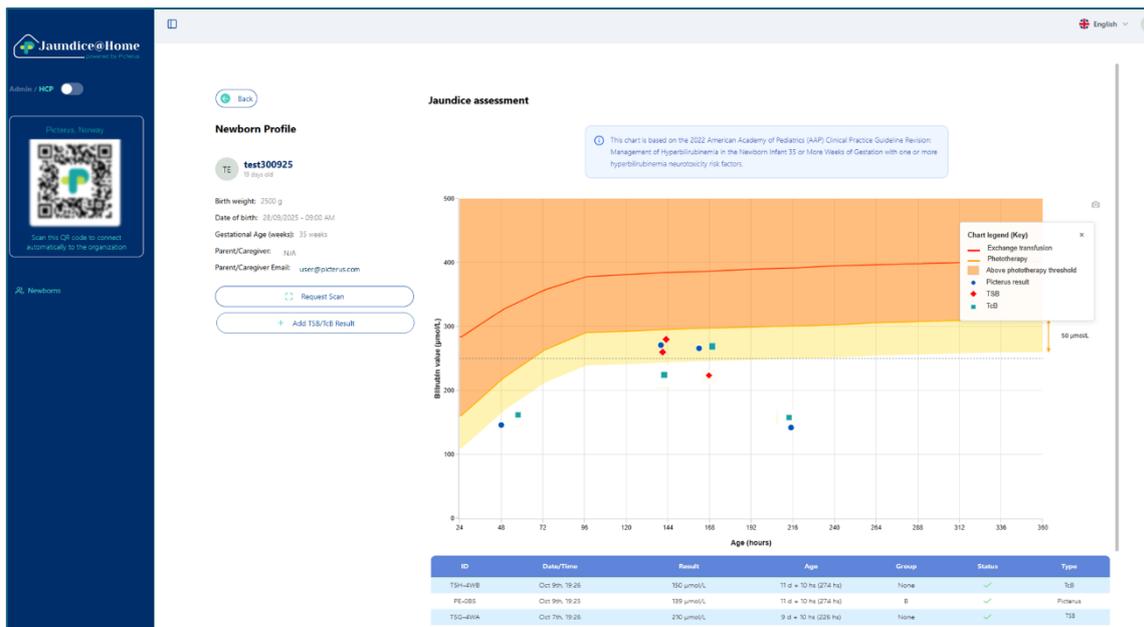


Figure 5 Jaundice Assessment Dashboard

b) Jaundice assessment chart

- Picterus results are represented as blue dots, TSB as red diamonds and TcB as green squares. The chart illustrates the thresholds for exchange transfusion and phototherapy according to the selected guideline, and highlights a margin zone (shown in yellow) of 50 µmol/L or 3 mg/dL, depending on the chosen bilirubin unit (Figure 10). By default, the platform displays a chart based on the 2022 American Academy of Pediatrics (AAP) *Clinical Practice Guideline Revision: Management of hyperbilirubinemia in the newborn infant 35 or more weeks of gestation* with one or more hyperbilirubinemia neurotoxicity risk factors. Only Admins have permission to select the reference guidelines and bilirubin unit.
- To access detailed information for a specific result, such as bilirubin value and age at measurement, click on the corresponding symbol on the graph.
- The chart is available for download as a PNG file by selecting the camera icon on the right side.

c) History of the results (Picterus/TSB/TcB) for the selected newborn (Figure 6) including:

- Result ID
- Date and time
- Result in the unit selected
- Age at scan (Picterus) or measurement (TSB/TcB)
- Group: A or B classification (only for Picterus results): Please refer to the *Safety and Performance* section in the Picterus Jaundice Pro *Instructions for Use* for details
- Status: Successful or Failed

- Type: Picterus, TSB or TcB

ID	Date/Time	Result	Age	Group	Status	Type
T5H-4WB	Oct 9th, 19:26	150 µmol/L	11 d + 10 hs (274 hs)	None	✓	TcB
PE-0B5	Oct 9th, 19:25	139 µmol/L	11 d + 10 hs (274 hs)	B	✓	Picterus
T5G-4WA	Oct 7th, 19:26	210 µmol/L	9 d + 10 hs (226 hs)	None	✓	TcB
T5F-4WN	Oct 6th, 08:26	190 µmol/L	7 d + 23 hs (191 hs)	B	✓	Picterus
T5D-4WQ	Oct 5th, 22:26	290 µmol/L	7 d + 13 hs (181 hs)	None	✓	TSB
T5E-4WM	Oct 5th, 21:26	260 µmol/L	7 d + 12 hs (180 hs)	None	✓	TcB

Figure 6 History of the results

- d) “Add TSB/TcB Result” button: allows HCP to add TSB/TcB results (Figure 7)

Figure 7 Add TSB/TcB

- e) “Request Scan” button: HCP can request an additional scan. After clicking the button, a confirmation message appears on the dashboard (top right) indicating the request was successfully sent. Parent/Caregivers will immediately receive a notification in their email to perform a new scan.

3. Support

If you experience issues while using Jaundice@Home, refer to the [Troubleshooting and FAQ](#) section. If the issue persists, contact the Organization Admin or Picterus AS at contact@picterus.com.

4. Troubleshooting and FAQ

4.1. Connectivity Issues

I cannot access Jaundice@Home, what should I do?

If you have trouble accessing Jaundice@Home via www.jaundicehome.com, you can try the following:

- Check your network connection: Are you connected to the internet?
- Try re-loading the page (press F5 if you are accessing from a computer)
- Try refreshing your browser (Ctrl+Shift+R)
- Try clearing the cookies in your browser
- Use a different browser (e.g. Chrome, Firefox, Edge, or Safari)

If this doesn't work, please contact Picterus at contact@picterus.com

4.2. Account access issues

I lost or forgot my password. What should I do?

On the login page, click Forgot password. If your email address is registered in the system, a link to reset your password will be sent to you. Use the link and select a new password, then continue to log in to the platform.

I cannot log in with my usual login credentials.

If you have been able to log in previously, but no longer have access to your Jaundice@Home Organization, try the following:

- Ask the Admin of your Organization to confirm that the e-mail address you are using is the same address that is connected to the Organization.
- Reset your password in the steps described above.
- If the problem persists, please request support at contact@picterus.com.

Can I share my account with a colleague?

No. Your user account on Jaundice@Home is personal. It is your responsibility to keep your login credentials safe and confidential to avoid misuse.

4.3. Issues with connecting Parent/Caregiver accounts

I have sent an invitation to one of my newborn's Parent/Caregiver. Why are they not visible in the Newborn overview?

Parent/Caregivers will only become visible once they have completed the registration steps sent by email. Please remind them to check their e-mail including the spam folder and complete the registration. Once this is done, they should automatically appear in the newborn overview.

4.4. Issues with results

Where can I see Picterus® Jaundice Pro results on my dashboard?

Select a newborn's name from the Newborn overview on the HCP dashboard to open the Jaundice assessment dashboard and view the Picterus Jaundice Pro results

One of my newborns was due for a Picterus Scan, but I don't see any results in the profile.

No scans have been performed. Please remind the parent/caregivers by clicking on Request Scan to send a reminder by email.

In urgent cases, or if you are worried about the health of the newborn, please get in touch with the newborn's caregiver directly. You can find contact information (email) displayed in the newborn's profile.

Why can I see newborns in the overview that I have not invited?

You can view all newborns who are member of the Organization; they may have been invited by yourself, or by one of your colleagues. If you see a newborn registered to your Organization that does not belong there, you can remove that newborn by deleting them from the Actions option on the HCP dashboard.

4.5. Contacting newborn's parent/caregivers, and questions from parent/caregivers

I've been trying to reach one of my newborn's parent/caregivers without success, what can I do?

Check that their contact information is correct. If you have other sources like the newborn journal, you can compare the contact information there.

The parent/caregivers of my patient have a specific question about how to use the app. Where can I find information to answer them?

Refer to the IFU of Picterus Jaundice Pro. This can be found on [Instructions for Use](#) or can be accessed through the app. There are also several [YouTube tutorials](#) with more details on how to use the app.

5. Other

5.1. Abbreviations and terminology

NNJ	Neonatal jaundice
Admins	Organization manager/administrator
HCP	Healthcare professionals
Parents/caregivers	To keep it simple, we collectively use the term “parents/caregivers” to refer to a newborn’s biological parents, legal guardians, or other caregivers.
Platform	The term “platform” in this manual refers to JAUNDICE@HOME
IFU	Instructions for Use
TSB	Total serum bilirubin
TcB	Transcutaneous bilirubinometer

5.2. Additional resources available

- [Picterus Jaundice Pro - Instructions For Use \(IFU\), accessible in multiple languages](#)
- [Picterus Jaundice Pro - FAQ](#)
- [Picterus Jaundice Pro - Tested Devices \(Phones\)](#)
- [Picterus Jaundice Pro Technology patent](#)
- [Terms and Conditions, accessible in English](#)
- [Privacy Policy, accessible in English](#)
- [Picterus Jaundice Pro MDR files](#)
- [Clinical Practice Guideline Revision: Management of Hyperbilirubinemia in the Newborn Infant 35 or More Weeks of Gestation](#)
- [NICE guidelines: Jaundice in newborn babies under 28 days](#)
- [YouTube tutorials](#)