RELEASE NOTES

ADNEX
1.0.0
August 22, 2025

New Features / Enhancements

Authentication & Authorization

- **Login and logout functionality** to prevent access by unauthorized users.
- **Permission management** to prevent unauthorized access to the ADNEX medical device.
- **Secure user sessions** with automatic timeout.
- **Single sign-on (SSO)** with a single Gynaia user account.
- **Supports two versions:** training mode and medical device mode.

Dashboard

- **ADNEX model selection card**
  - Includes all required regulatory labels (**version, UDI number, release date, mode**)
  - Allows users to **view and download** instructions for use (IFU).
- **Gynaia contact information**
- **User information**

Applicability Test

- A dynamic, step-by-step **applicability assessment questionnaire** with supporting information, such as descriptions and example images or icons, for clarity.
- **Context-aware** question progression.
- Provides clear outcomes: **ADNEX applicable or not applicable**.
- **Navigates to the ADNEX model** based on the assessment result.

Input

- An **intuitive input form** with validation on submission.
- **Extensive validation** on all fields.
- **Labels with info icons** to clearly explain what is expected in each field.
- A **warning page** to explain the consequences of using the optional CA-125 serum field on model performance.

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ADNEX Calculator

- **ADNEX version 1**
- **Calculates the probability and relative risk** for aggregated results of benign and malignant tumors.
- **Calculates the probability and relative risk** for borderline tumors, stage I ovarian cancer, stage II-IV ovarian cancer, and metastatic cancer of the adnexa.
- **Correctly rounds** probability and relative risk values.

Reporting

- **Visualizes the probability and relative risk** calculated by the ADNEX calculator in both a **tabular format and a bar chart**.
- **Provides probability and relative risk** in both **summary and detailed modes**.
  - **Summary mode** sums results to benign and malignant.
  - **Detailed mode** shows results for each of the four stages.
- Mapping between malignant risk score and O-RADS classification and visualization of O-RADS classification.

Progressive Web Application (PWA)

- **Can be installed on mobile and desktop devices** for quick access.
- **Optimized for all screen sizes**.
- **Fast loading** by caching essential files on the device instead of relying on network requests

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Improvements / Bug fixes

First version of the ADNEX medical device application.

Known issues

Security penetration testing identified a **medium-risk vulnerability** related to our Content Security Policy (CSP). Essentially, a misconfiguration could allow a malicious user to perform a **cross-site scripting (XSS) attack** by injecting malicious code, typically JavaScript, into the application. We are actively working on a fix for this issue in an upcoming release.

Security Updates

First version of the ADNEX medical device application.