



## PREDICTIX Case Study: Psychiatry UK

[Psychiatry UK \(PUK\)](#), the UK's leading online psychiatry service, adopted PREDICTIX to expand their telehealth service and set a new standard in remote care for patients with depression in the UK.

Looking for a means to improve their service to patients and further gain a competitive edge within a rapidly growing market space, PUK implemented PREDICTIX.

As an innovative and easy-to-use, time-saving digital tool, PREDICTIX allowed PUK to better care for its existing patients, as well as provide an advanced solution that was easily scalable to help access new patients.

PUK provides a network of highly-qualified psychiatrists that deliver online medical treatment via video consultations to their patients. Comprised of more than 70 psychiatrists, PUK leverages the PREDICTIX software to help their psychiatrists better assess and optimize treatment decisions for patients.

"The work that Taliaz are doing is revolutionising the practice of psychiatry. By using "PREDICTIX" we know that we can reduce our patient's suffering, at the same time as saving our time and our client's money."



Jon Chanter, CEO Psychiatry UK



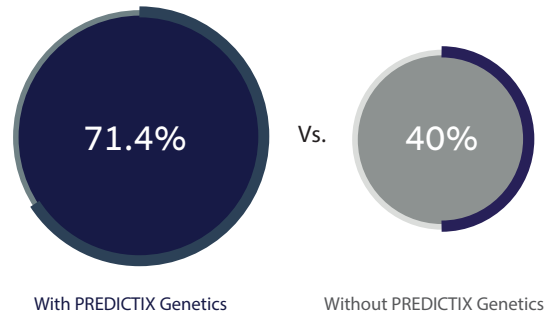
## The Results

The PREDICTIX Genetics tool was used to help personalize treatment for some of PUK's most challenging patients, mainly those that had been treatment resistant or were first-time patients. 25 patients took part in the PUK pilot.

The results showed:

-  71.4% of patients that used the PREDICTIX Genetics-guided treatment recommendation responded to their first antidepressant prescribed.
-  This was nearly double the prescribing success rate compared to without using PREDICTIX Genetics-guided treatment recommendation, where only 40% responded to their first antidepressant prescribed.

Percentage of Patients that Responded to their First Antidepressant Medication Prescribed



## Experience from Physicians and Patients

"I have just reviewed a lady who had not responded to 4 antidepressants... After starting the medication recommended after the genetic test 3 weeks ago, she says "I am a different person", & "I feel 80% better in myself!"

Dr Adil Jawad MBBS; DPM, FRCPsych Consultant Psychiatrist

"The referral for the genetic test was lifechanging for me and I wish everybody with depression could get access to that test".

PREDICTIX Genetics UK patient



# PREDICTIX Genetics Workflow Integration

PREDICTIX is seamlessly integrated within the current workflow of a PUK psychiatrist's online consultation with a patient, allowing them to easily use PREDICTIX Genetics in the course of their physician patient session.

## 6-8 minutes patient time

### STEP 1: Enrollment

Patient enrollment and consent. PUK psychiatrist fills out a PHQ-9 form to understand depression severity.



### STEP 2: Assessment

- Completion of the PREDICTIX proprietary clinical questionnaire.  
- DNA sample collected & sent to a laboratory.



### STEP 3: Analysis

PREDICTIX algorithm runs to generate a patient report following receiving the DNA results.



### STEP 4: Prescribing

Doctor guided by PREDICTIX-informed prescribing recommendation.



### STEP 5: Follow-up

Patient follow-up at week 4 & 8.



### STEP 6: Treatment Optimization

PREDICTIX provides real-world data to inform ongoing treatment.



## Leveraging PREDICTIX Genetics in the Future

The PREDICTIX Genetics platform currently developed for depression, provides a solution that can be expanded for Anxiety, Attention deficit hyperactivity disorder (ADHD), Obsessive-compulsive disorder (OCD), Post-traumatic stress disorder (PTSD) and further psychiatric disorders.

Feedback from PUK psychiatrists involved in the pilot has been very positive. As a result, PUK are already looking to:

- ✓ Expand the PREDICTIX Genetics service to support further psychiatric disorders, starting with anxiety and ADHD.
- ✓ Implement PREDICTIX Genetics solution within the NHS framework and funding.
- ✓ Leverage PREDICTIX Digital, Taliatz's complete software solution that uses AI to analyze clinical and demographic data, to enable psychiatrists to support prescribing decisions instantly within the digital visit.



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