

## Hidden Gems Webinar Presentation

**Emyria Limited (ASX: EMD)** ("Emyria", or the "Company") delivering and developing new treatments for mental health and select neurological conditions, is pleased to announce its participation in the ShareCafe Small Cap "Hidden Gems" Webinar, to be held Friday 6th September 2024 from 12:30pm AEST.

Managing Director, Michael Winlo will provide an overview of the Company including interim clinical results relating to the Company's PTSD treatment program and strategy for future growth.

To access further details of the event and to register at no cost, please copy and paste the following link into your internet browser:

[https://us02web.zoom.us/webinar/register/WN\\_H7T27cejRI2ttDwY\\_pp48g#/registration](https://us02web.zoom.us/webinar/register/WN_H7T27cejRI2ttDwY_pp48g#/registration)

A recorded copy of the webinar will be made available following the event.

**-ENDS-**

This release has been approved by the Board of Emyria.

***For further information, investment opportunities, or more about our approach to mental health treatment, please contact:***

**Managing Director**  
**Michael Winlo**  
**+61 (0) 8 6559 2800**  
[mwinlo@emyria.com](mailto:mwinlo@emyria.com)

**Media Contact**  
**Haley Chartres**  
**+61 (0) 423 139 163**  
[haley@hck.digital](mailto:haley@hck.digital)

**Corporate Advisor**  
**Sufian Ahmed**  
**+61 (0) 412 316 162**  
[info@62capital.com.au](mailto:info@62capital.com.au)

**Emyria Limited** develops and delivers new treatments for mental health and select neurological conditions through an integrated model of direct clinical services and drug development:

generates

**Emyria Healthcare:** Evidence-based treatment for patients not finding relief from conventional care while also helping evaluate emerging new therapies like MDMA-assisted therapy for PTSD<sup>1</sup>

informs

**Emyria Data:** Robust and ethically-sourced Real-World Data gathered with patients and used to improve Emyria's unique therapy and drug development programs.

**Emyria's Pipeline:** New psychedelic-assisted therapies and drug treatments for mental health and select neurological diseases.

## EMYRIA'S INTERACTIVE INVESTOR HUB

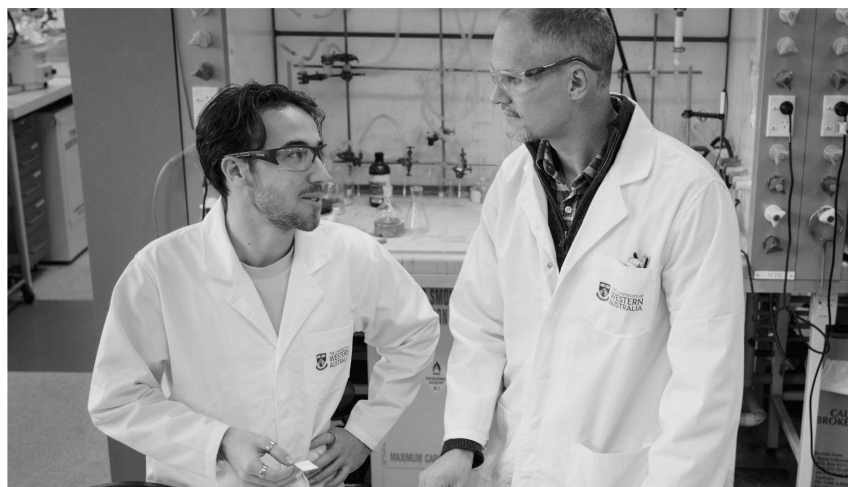
**Investorhub.emyria.com** Interact with Emyria's announcements and updates by asking questions and comments, which our team can respond to where possible.



**CAUTIONARY NOTE ON FORWARD-LOOKING STATEMENTS** Any statements in this press release about future expectations, plans and prospects for the Company, the Company's strategy, future operations, and other statements containing the words "anticipate," "believe," "estimate," "expect," "intend," "may," "plan," "predict," "project," "target," "potential," "will," "would," "could," "should," "continue," and similar expressions, constitute forward-looking statements. Actual results may differ materially from those indicated by such forward-looking statements as a result of various important factors, including: the Company's ability to successfully develop its product candidates and timely complete its planned clinical programs and the Company's ability to obtain marketing approvals for its product candidates. In addition, the forward-looking statements included in this press release represents the Company's views as of the date hereof. The Company anticipates that subsequent events and developments will cause the Company's views to change. However, while the Company may elect to update these forward-looking statements at some point in the future, the Company specifically disclaims any obligation to do so. These forward-looking statements should not be relied upon as representing the Company's views as of any date subsequent to the date hereof.

## Risks associated with the use of MDMA

All medicines carry risks and specialist prescribers, such as registered psychiatrists, are best placed to assess the suitability of a new medication against a patient's individual circumstances and medical history before proceeding. Adverse effects of MDMA include high blood pressure, increased pulse rate, faintness, and panic attacks, and in some rare cases it can cause loss of consciousness or trigger seizures. Other side effects include involuntary jaw clenching, decreased appetite, restless legs, nausea, headache, sweating and muscle/joint stiffness. These effects of MDMA are unlikely at low doses in the treatment regimens used in psychedelic-assisted psychotherapy while appropriately managed in a controlled environment with direct medical supervision.



## Hidden Gems Webinar

# emyria

ASX: EMD

Delivering and developing new treatments for PTSD

06 September 2024

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*This release may contain certain forward-looking statements with respect to matters including but not limited to the financial condition, results of operations and business of Emyria and certain of the plans and objectives of Emyria with respect to these items. These forward-looking statements are not historical facts but rather are based on Emyria's current expectations, estimates and projections about the industry in which Emyria operates, and its beliefs and assumptions. Words such as "anticipates," "expects," "intends," "plans," "believes," "seeks," "estimates", "guidance" and similar expressions are intended to identify forward looking statements and should be considered an at-risk statement. Such statements are subject to certain risks and uncertainties, particularly those risks or uncertainties inherent in the process of developing technology and in the endeavour of building a business around such products and services. These statements are not guarantees of future performance and are subject to known and unknown risks, uncertainties and other factors, some of which are beyond the control of Emyria, are difficult to predict and could cause actual results to differ materially from those expressed or forecasted in the forward looking statements. Emyria cautions shareholders and prospective shareholders not to place undue reliance on these forward-looking statements, which reflect the view of Emyria only as of the date of this release. The forward-looking statements made in this announcement relate only to events as of the date on which the statements are made. Emyria will not undertake any obligation to release publicly any revisions or updates to these forward-looking statements to reflect events, circumstances or unanticipated events occurring after the date of this announcement except as required by law or by any appropriate regulatory authority.*

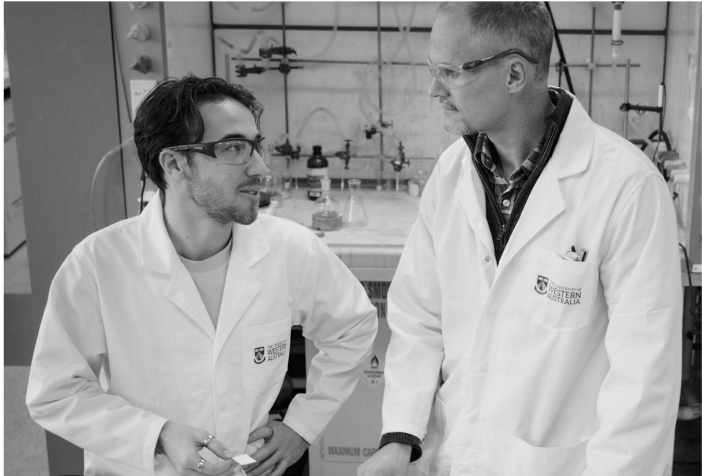
*All medicines carry risks and specialist prescribers, such as registered psychiatrists, are best placed to assess the suitability of a new medication against a patient's individual circumstances and medical history before proceeding. Adverse effects of MDMA include high blood pressure, increased pulse rate, faintness, and panic attacks, and in some rare cases it can cause loss of consciousness or trigger seizures. Other side effects include involuntary jaw clenching, decreased appetite, restless legs, nausea, headache, sweating and muscle/joint stiffness. These effects are unlikely at low doses in the treatment regimens used in psychedelic-assisted psychotherapy while appropriately managed in a controlled environment with direct medical supervision.*

# EMYRIA (ASX: EMD) CORPORATE DETAILS

SUBSTANTIAL SHAREHOLDERS		
Shareholder		%
Tenmile		5.8%
Top 20		56.3%



ASX: EMD TRADING INFORMATION		
Share Price		A\$0.046
6-Month low / high		A\$0.032 / 0.07
Shares Outstanding		349,226,509
Market Capitalisation		A\$18.8M
Cash (30 June 2024)		A\$1.9M*



# Mental health now Australia's #1 chronic health problem

Figure 2: Types of serious illness by age and sex, 2009 to 2021

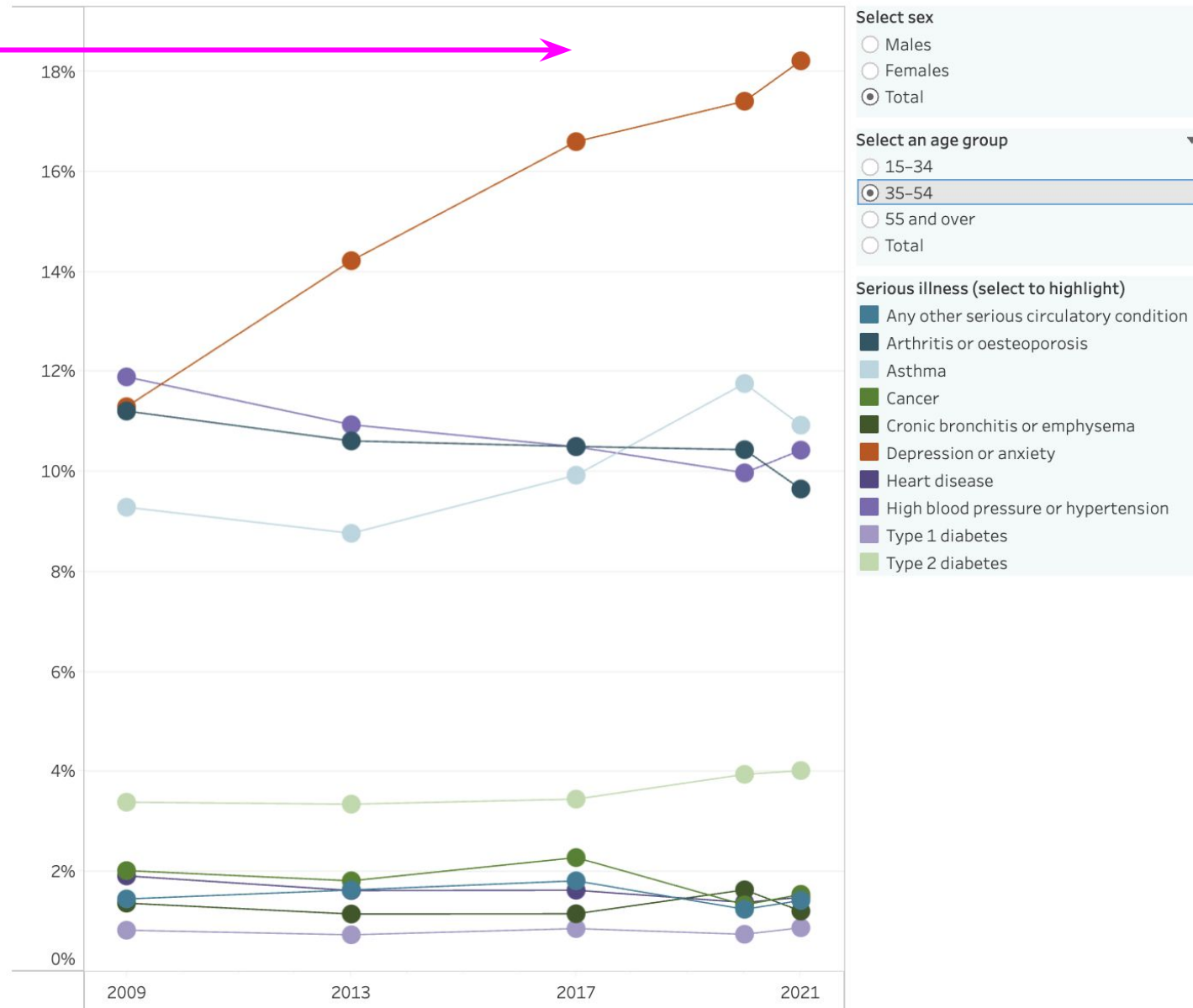


Figure 2: Estimated proportion of Australians reporting serious illnesses, by sex and age group, 2009–2021.

<https://www.aihw.gov.au/mental-health>

## EMYRIA'S MISSION



*To first **transform PTSD care** by **developing** and **delivering** new **treatments** that profoundly enhance patient **well-being** and **quality of life**.*

# TACKLING POST TRAUMATIC STRESS DISORDER

*A chronic, debilitating condition that can develop after experiencing, or repeatedly being exposed to, traumatic events*

**7%**

of adults <sup>1</sup>  
**1.5m** Australians  
**23m** Americans

**2x**

as common in  
**first responders** <sup>2</sup>



**\$232**

**B/yr**

**Treatment costs**  
in USA alone <sup>3</sup>

In Australia,  
workers  
compensation  
“mental health”  
claims can total  
over \$300,000 <sup>4</sup>

## SOURCES:

1. <https://www.phoenixaustralia.org/ptsd-awareness-day/>

2. Obuobi-Donkor G, et al A Scoping Review on the Prevalence and Determinants of Post-Traumatic Stress Disorder among Military Personnel and Firefighters: Implications for Public Policy and Practice. Int J Environ Res Public Health. 2022 Jan 29;19(3):1565. doi: 10.3390/ijerph19031565.

3. <https://www.apa.org/monitor/2023/01/staggering-ptsd-costs>

4. From CommCare conference August 2024



# CURRENT PTSD TREATMENT APPROACHES

*If patients can access the care they need, not all patients will respond*

## Biological



*Managed by specialists*

**Medications** (Sertraline, Paroxetine)

*Variable response, side effects  
No new drug approval in **20+ years!** <sup>1</sup>*

## Psychological



*Managed by therapists*

**Therapies** (CBT <sup>2</sup>, Prolonged Exposure)

*Variable response &  
can have high drop-out rates*

# WE NEED A NEW PARADIGM...

*Could we more deeply integrate the benefits of both approaches?*

**Biological**



**Psychological**



***Specialists***

***Therapists***

# MDMA-ASSISTED THERAPY (MDMA-AT) FOR PTSD

**2-3 medication sessions** with **supportive therapy** to enhance clinical response

## MDMA-assisted therapy

### MDMA

(3,4-methylenedioxymethamphetamine or “ecstasy”)



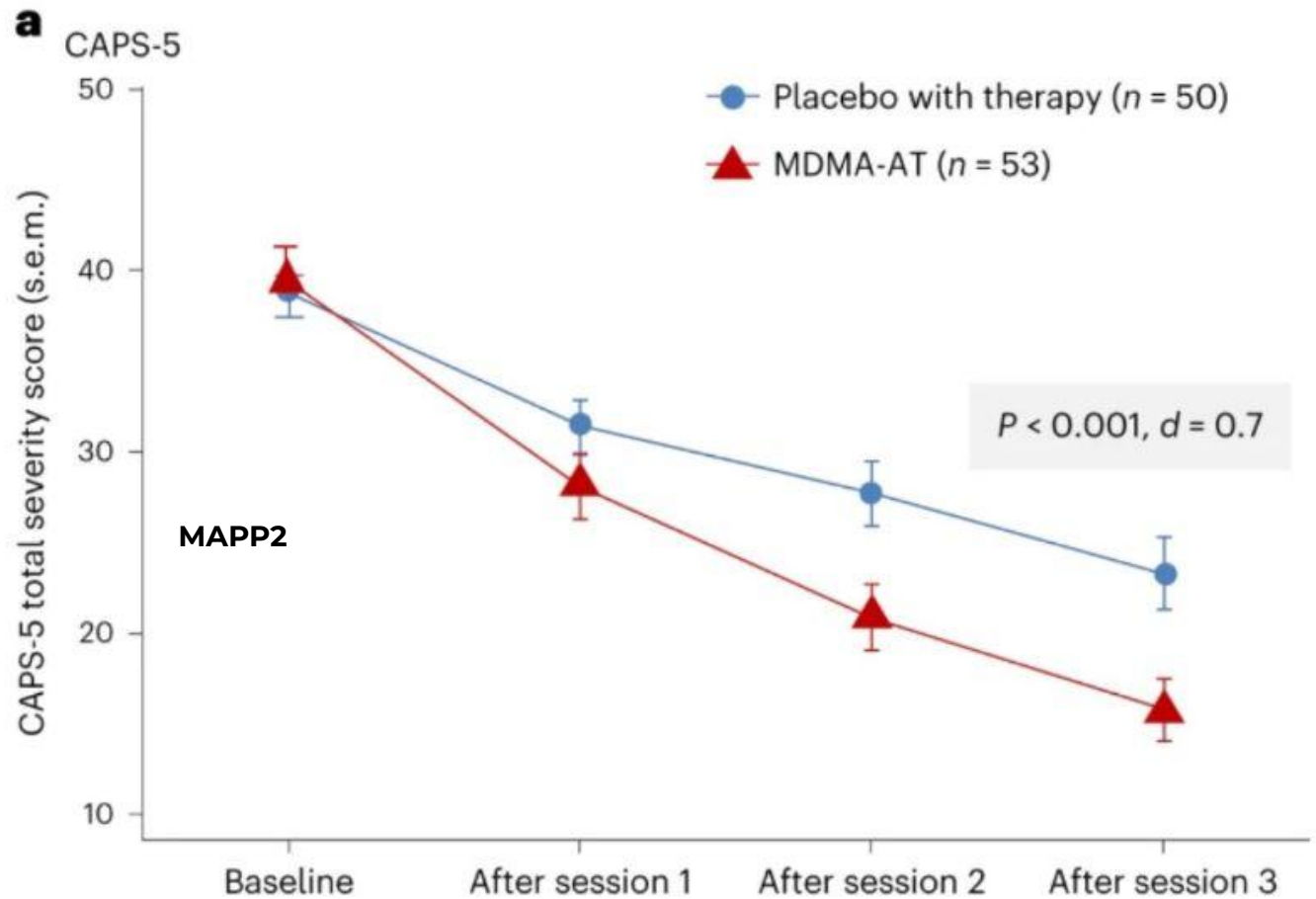
Supportive, trauma-informed psychotherapy

MDMA produces feelings of emotional connection, openness and fear extinction.

Allows patients to discuss challenging material.

***Future state:  
Improvement and innovation  
in both fields***

# MDMA-AT FOR PTSD PROMISING OUTCOMES IN PHASE 3 TRIALS



MDMA-AT significantly reduced PTSD symptoms, as shown by the change in CAPS-5 total severity score from baseline to 18 weeks after baseline

## Key *benefits* after 3 DOSING SESSIONS

**86.5%** of MDMA-AT participants reported improvement, compared to 69% in placebo group.

**71.2%** of MDMA-AT participants no longer met PTSD criteria, compared to 47.6% in the placebo group.

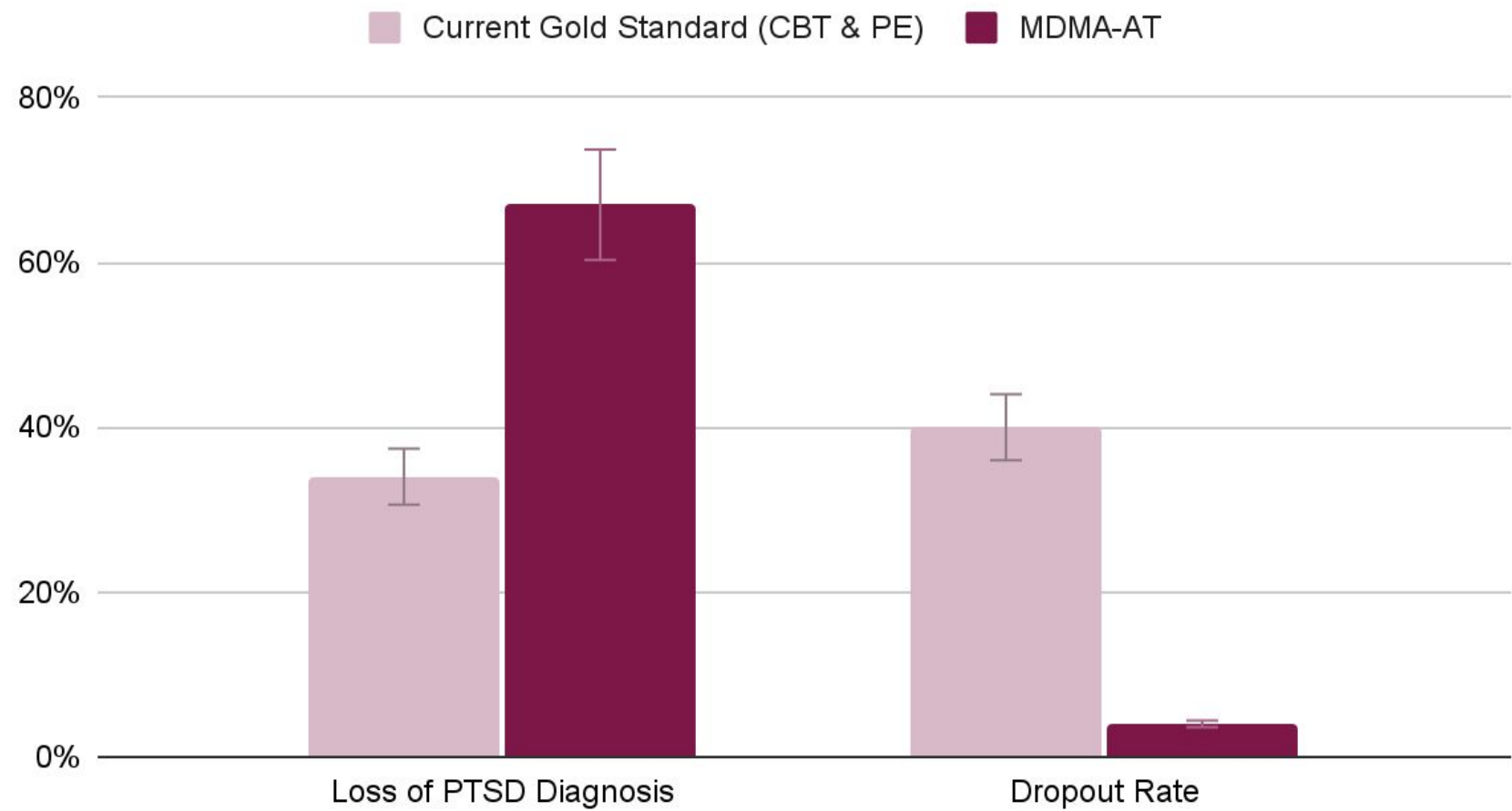
Further enhancements reported in family, social, and professional aspects.



SOURCES:  
1. Mitchell, J.M., Bogenschutz, M., Lilienstein, A. et al. MDMA-assisted therapy for severe PTSD: a randomized, double-blind, placebo-controlled phase 3 study. Nat Med 27, 1025–1033 (2021)  
2. Mitchell, J.M., et al. MDMA-assisted therapy for moderate to severe PTSD: a randomized, placebo-controlled phase 3 trial. Nat Med (2023). <https://doi.org/10.1038/s41591-023-02565-4>

# MDMA-AT VS GOLD STANDARD CARE FOR PTSD

*MDMA-AT showed high remission success and low dropout rates*



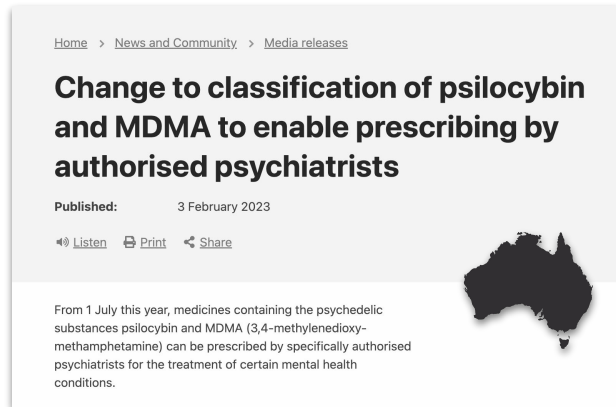
A large crowd of people walking down a city street, with buildings and streetlights visible in the background. The scene is captured from a low angle, looking down the street, with the crowd filling the foreground and middle ground. The lighting is warm, suggesting late afternoon or early morning.

**3 Reasons:**

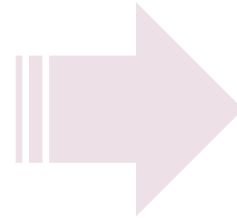
**Why Emyria has such a remarkable  
opportunity to lead this important  
new approach to PTSD**

# (1) AUSTRALIA'S UNIQUE REGULATORY ENVIRONMENT

*Australia has a significant, world-wide, first-mover advantage*



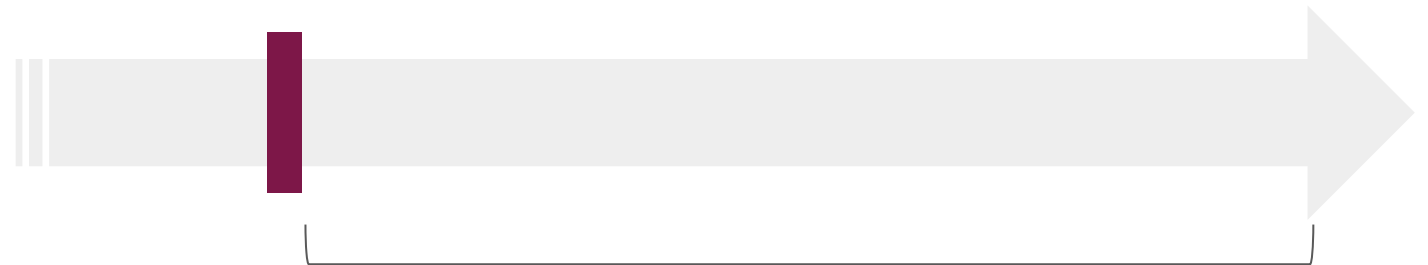
1 July 2023 <sup>1</sup>



*Legal access possible*



9 August 2024 <sup>2</sup>



*? 5 years*

## (2) EMYRIA HAS SOLVED THE COMPLEX DELIVERY CHALLENGES



Skilled & trained  
**multi-disciplinary** team (20+)



Secure supply of **GMP-grade**  
medicines



Evidence-based,  
**ethics-endorsed** protocols



A **method** for patients to fund  
treatment



**Fit-for-purpose** facilities



# empax centre A WORLD-CLASS FACILITY



Dedicated therapy rooms

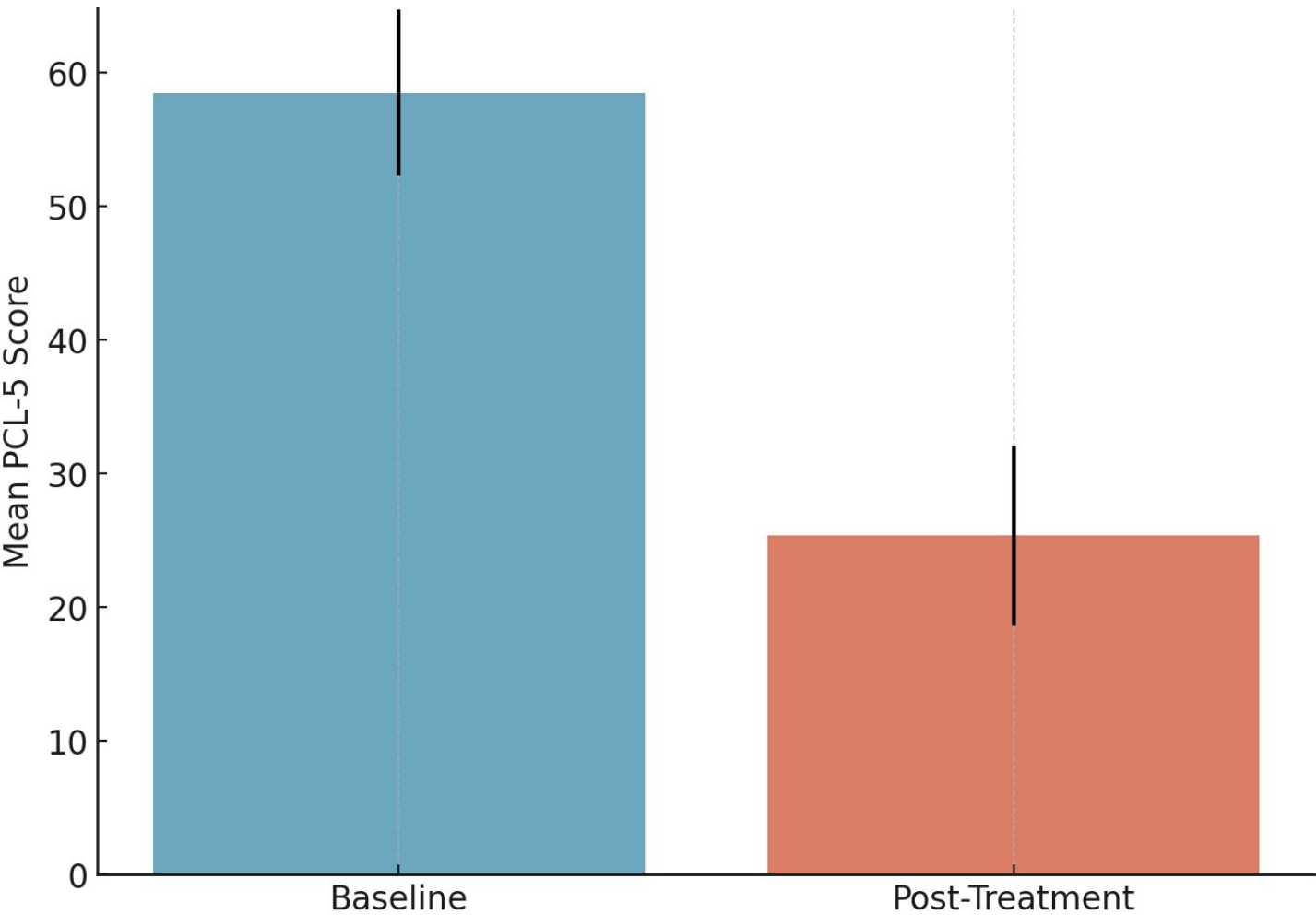


Supported with technology to  
optimise evidence gathering  
and patient experience

*READY TO SCALE...*

# (3) EMYRIA'S PTSD PROGRAM IS DELIVERING PATIENT OUTCOMES

**60%** average improvement in PTSD symptoms (as measured with the PCL-5<sup>1</sup>)

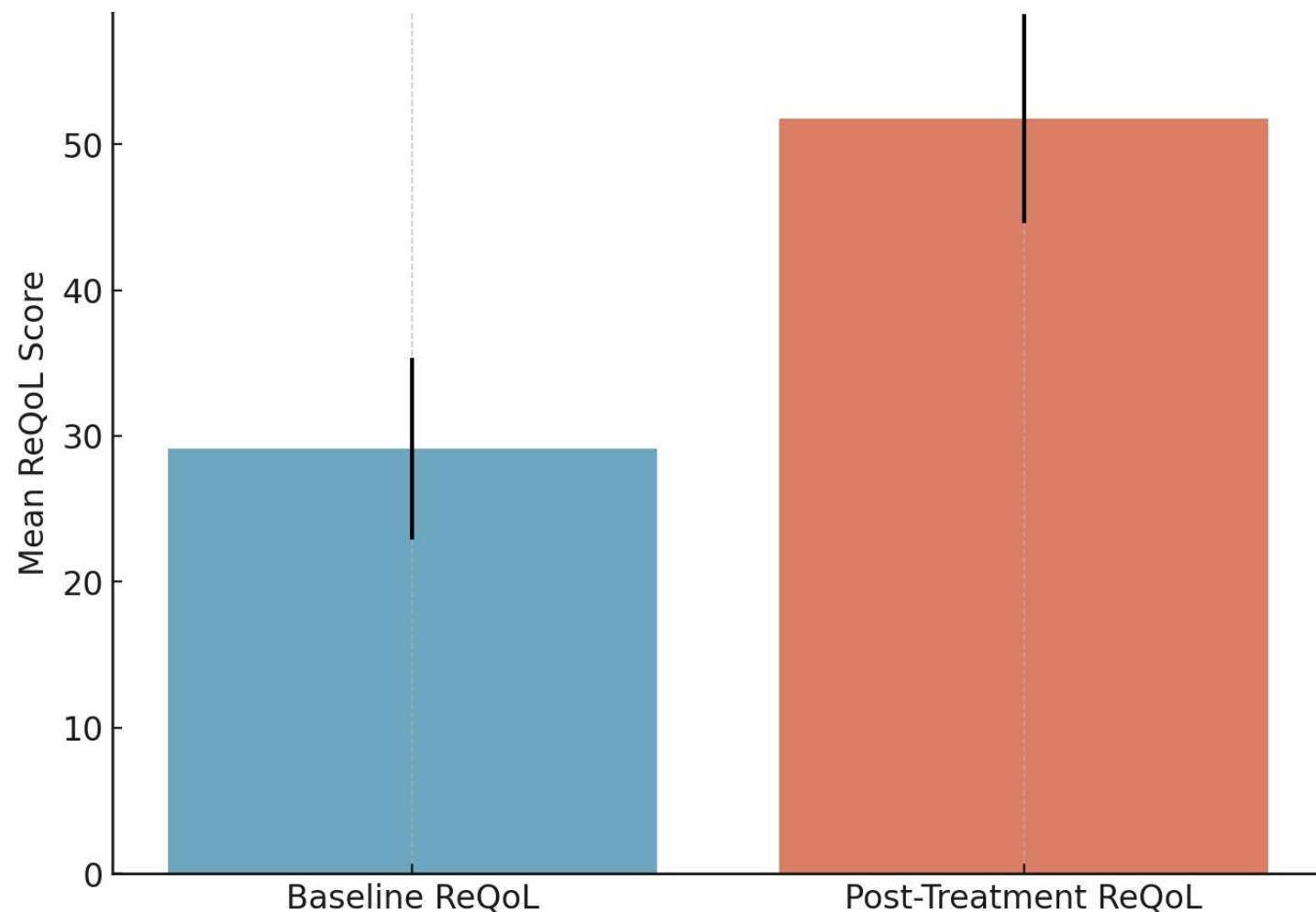


**All patients**  
demonstrated a clinically -  
significant improvement in  
symptoms (change of 12 points  
of more)<sup>2</sup>

**50%** of patients to  
remission  
(PCL-5 score <30)<sup>2</sup>

### (3) EMYRIA'S PTSD PROGRAM IS DELIVERING PATIENT OUTCOMES

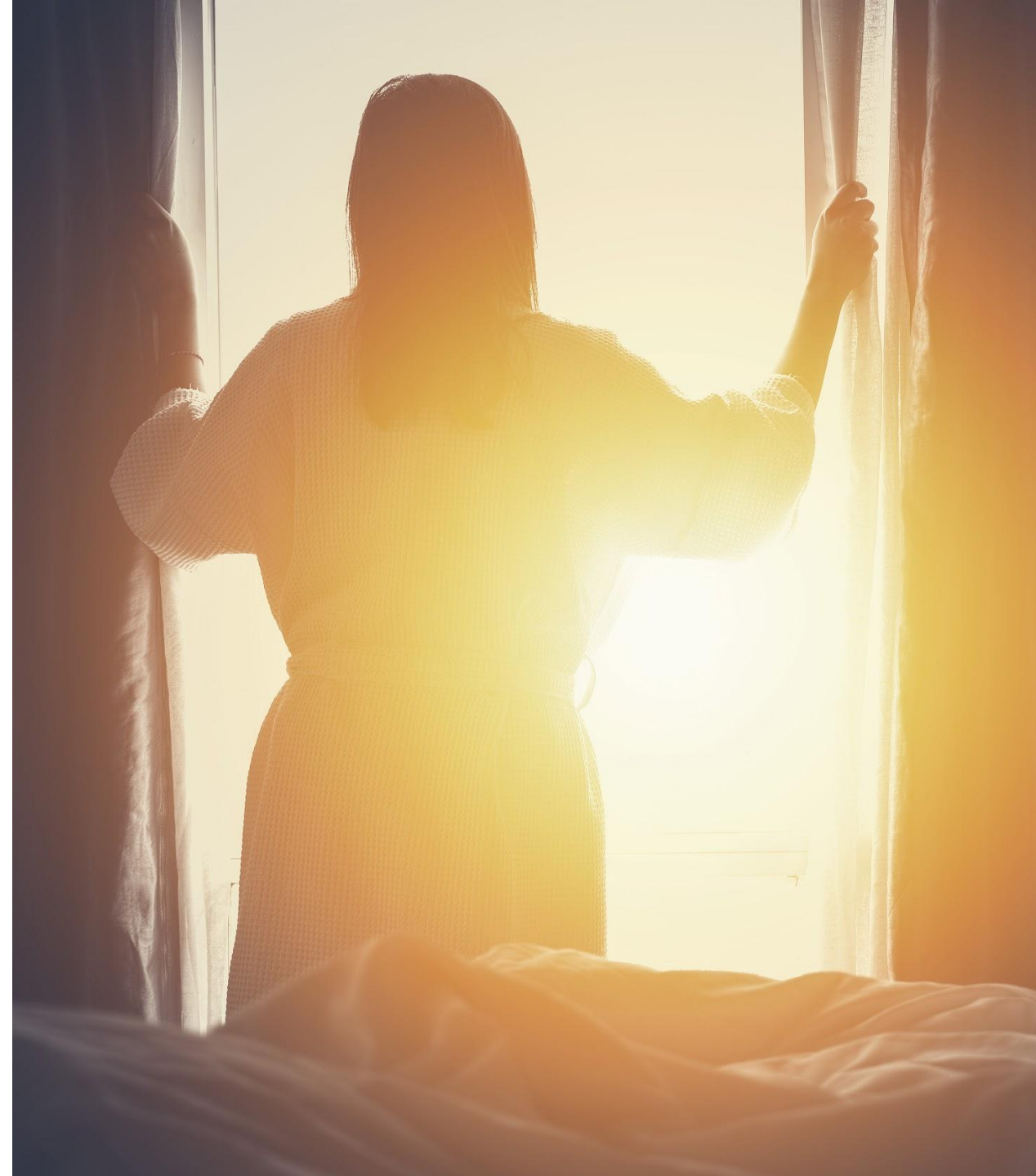
**50%** average improvement in Quality of Life (as measured with the ReQoL-5<sup>1</sup>)



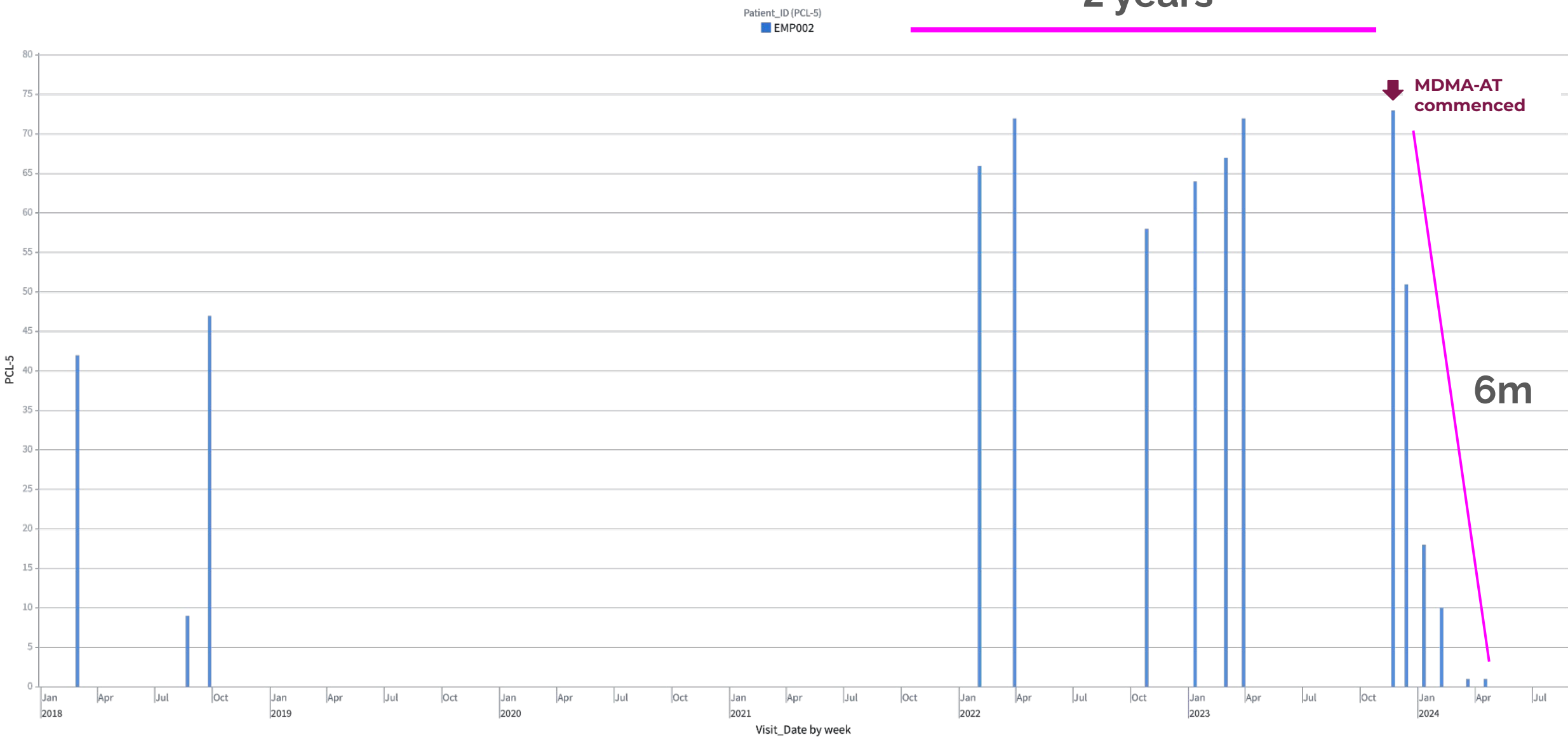
**75%** of patients had a clinically - significant improvement in quality of life scores (> 10 point change)<sup>2</sup>

## CASE STUDY | KATE (*First Responder*)

- Presented 2018
- PTSD due to cumulative workplace traumas
- Myriad of **therapies**: EMDR, in-vivo, ACT, CBT, mindfulness, somatic exercises, TMS, imagery rescripting, nightmare rescripting
- Different psychotropic **medications**
- Stuck, terrified and tortured by her unrelenting symptoms and her psychological defenses - anticipated fear of the fear and blocks to processing
- Despite all efforts and commitment, she was **treatment** and **therapy resistant**



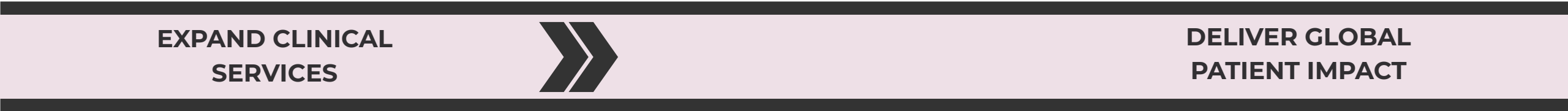
CASE STUDY | KATE | PCL-5 Trends Over 5 Years



**Creating global patient impact and  
long-term value**

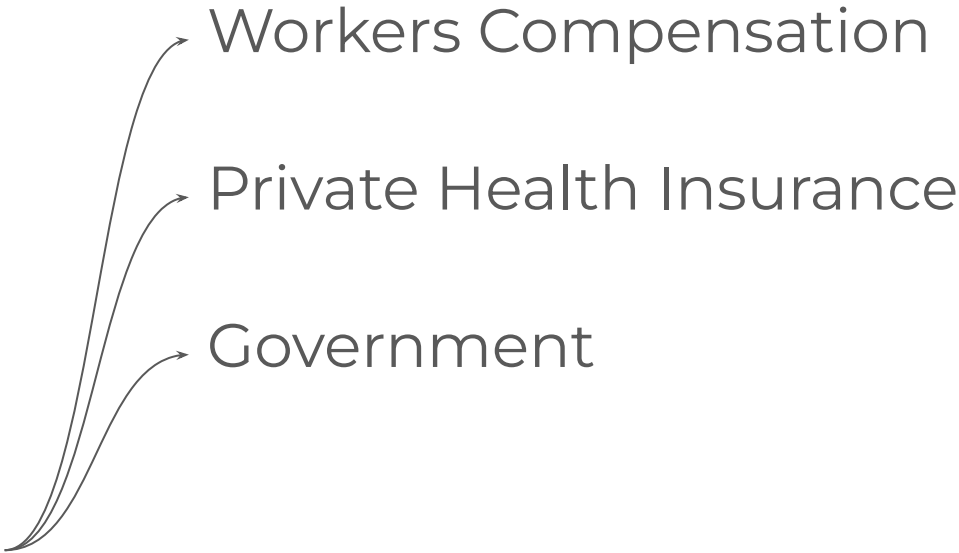


# CREATING LONG-TERM VALUE

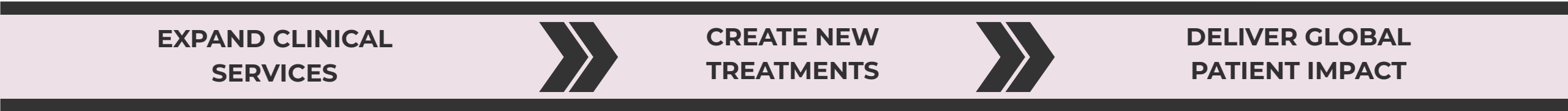


Catalysts:

**Payer Engagement**



# CREATING LONG-TERM VALUE



Catalysts:



# OUR NOVEL DRUG DISCOVERY PIPELINE

We have a large, **patented** library of MDMA-inspired candidates



THE UNIVERSITY OF  
WESTERN  
AUSTRALIA

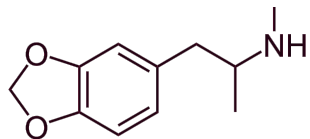


National Institutes  
of Health

New  
medications



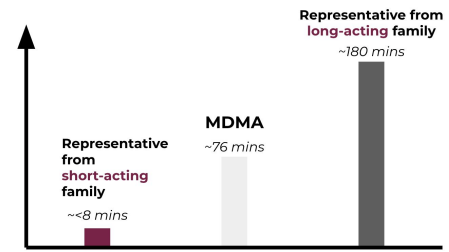
MDMA as inspiration



## Our leading development series:

### EMD-MX1

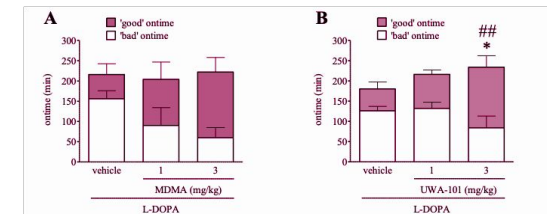
Increase versatility of  
drug-assisted therapy  
for mental health  
disorders



We have created MDMA-like molecules  
with rapid *and* extended half-lives.

### EMD-MX2

Help symptoms of  
L-DOPA induced  
dyskinesia (LID),  
affecting up to 80% of  
Parkinson's patients



We have created selective serotonin and  
dopamine releasers.

## Program Highlights

- “Next-generation” psychedelic-assisted therapies
- Select neurological conditions
- Recently awarded major \$500k grant to advance program<sup>1</sup>

# OUR WORLD-CLASS TEAM | CLINICS, DRUG APPROVALS, DATA



**Greg Hutchinson**  
**Non-Executive  
Chairman**

- **Health Service Expansion**  
**Expertise:** CEO Sonic HealthPlus and 5D Clinics; leads 40+ clinics



**Dr Michael Winlo**  
**Managing Director**

- **Clinical Data Expertise:**  
Ex-Palantir healthcare lead, merging Medical Doctor and Stanford MBA



**Dr Karen Smith**  
**Non-Executive  
Director**

- **Biopharma Authority:** 100+ clinical trials and 20+ regulatory approvals; Former Chief Medical Officer and Global Head of R&D at Jazz Pharma



**Dr Mohit Kaushal**  
**Non-Executive  
Director**

- **Health IT Strategist:**  
Key role in Oak Street Health's \$10.6B acquisition by CVS Health; Served in Obama's Health IT task force; Adjunct Professor at Stanford



**Prof Sir John Tooke**  
**Non-Executive  
Director**

- **Clinical Service & Health Payer**  
**Expertise:** Former President of the Academy of Medical Sciences, influential roles at BUPA and past advisor to Google DeepMind



# KEY MILESTONES

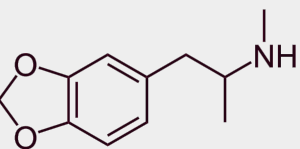
## Next 6 months

### SERVICE DELIVERY



- Major hospital partnerships
- Major payer engagement
- Launch 2nd psychedelic-assisted therapy program
- Expand Empax Centre locations

Supported by growing **service revenues**



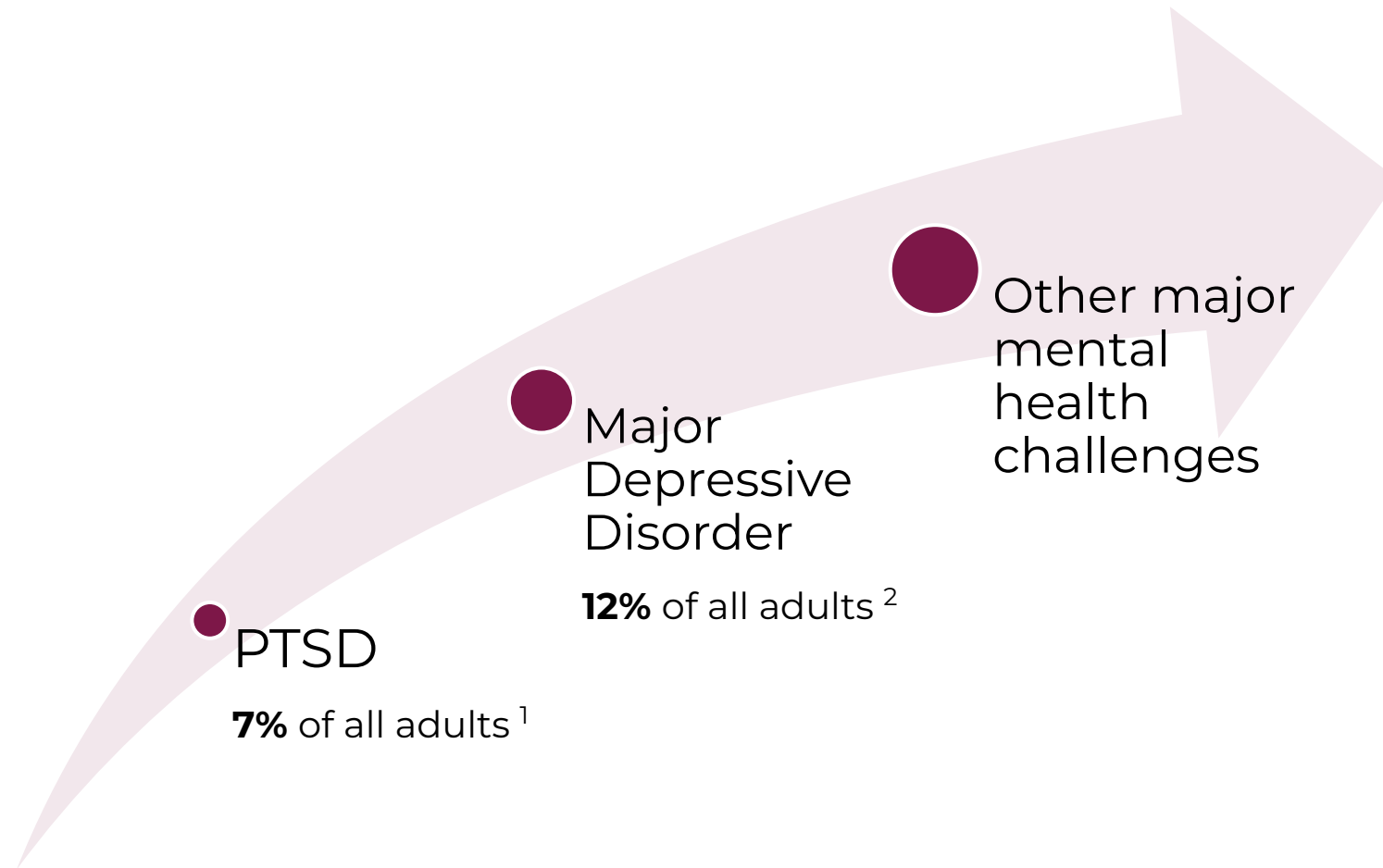
### DRUG DEVELOPMENT

- ✓ Clear search report for MDMA analogue patent family
- ✓ Advance to Tier 3 with NIH program
- Commercialisation agreement with UWA

Fully funded by **grants**<sup>1</sup>

# BEYOND PTSD

*Emyria's model is poised to tackle additional unmet needs in mental health*



**EMYRIA (ASX: EMD)**

**CONTACT INFORMATION**

<b>Michael Winlo</b>	<b><a href="mailto:mwinlo@emyria.com">mwinlo@emyria.com</a></b>
<b>Investors</b>	<b><a href="mailto:investors@emyria.com">investors@emyria.com</a></b>
<b>Media</b>	<b><a href="mailto:media@emyria.com">media@emyria.com</a></b>
<b>General</b>	<b><a href="mailto:info@emyria.com">info@emyria.com</a></b>

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