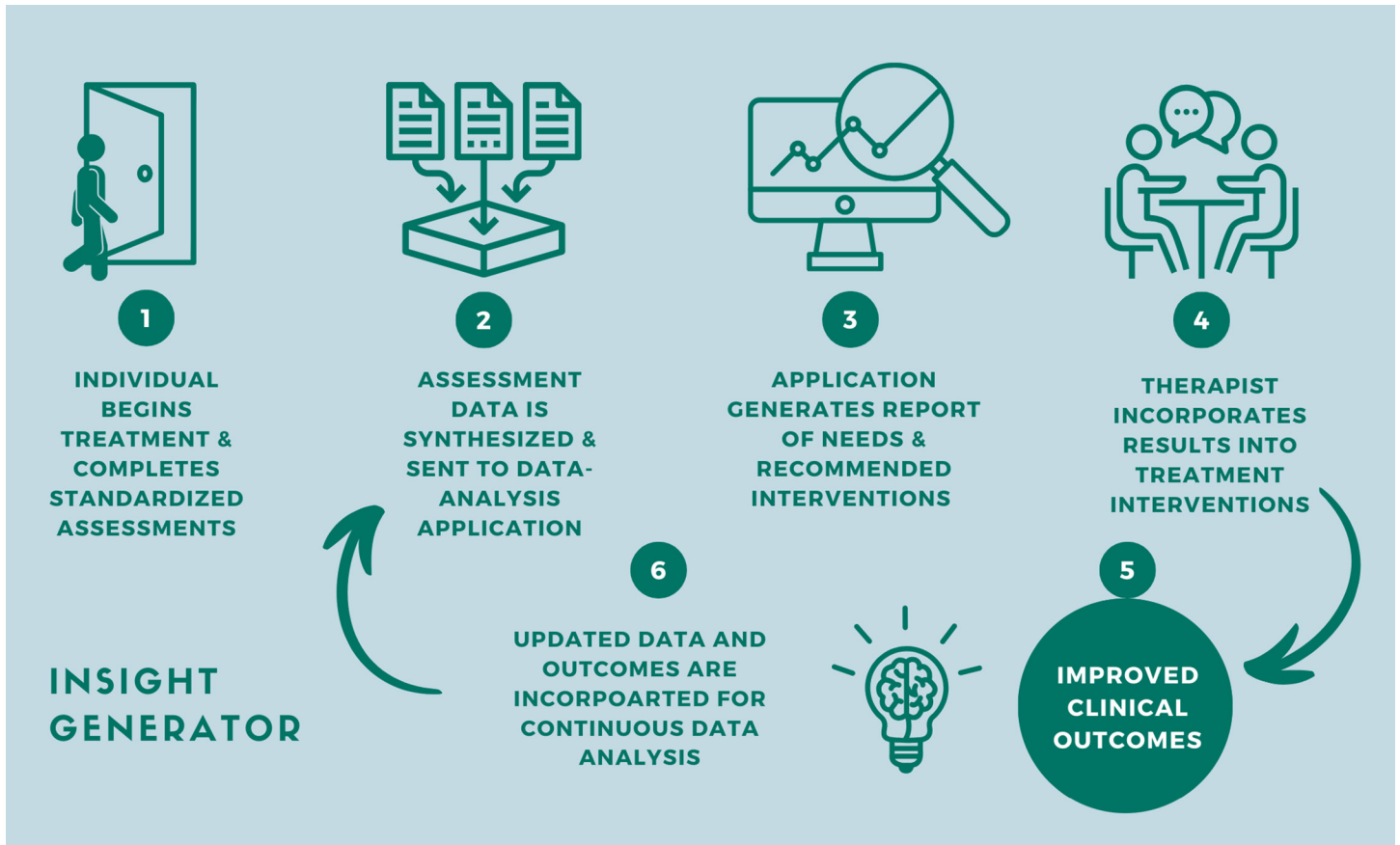


# PRECISION ANALYTICS: OUR INSIGHT GENERATOR

Transforming Data to Improve Outcomes



## What is Gemma?

Gemma Services is a non-profit organization dedicated to accompanying people of all ages with individualized, data-informed support so they know that they matter. Gemma offers a range of services that includes a Psychiatric Residential Treatment Program, Outpatient Mental Health Services, additional Community Based mental health services, Foster Family Care, Adoption and Permanency Programs, a Family Empowerment Center, and a Family Support Program.

## What makes our data different?

Like many organizations, Gemma collected and analyzed data to understand how our services

impacted the children and families in our programs. One day, our CEO asked the question, "How is this helping the individuals in our program while we are providing the services?" To answer that question, Gemma had to shift from reflective data analysis to "in-the-moment" decision support tools that help front line staff and clinicians understand the treatment interventions that will have the biggest impact on that person at that time. We use data that is already being collected by our service providers, then run it through a model of data analytics techniques based on our historic outcomes data. The results are transcribed and visualized for easy access to our service providers using an application tool called the Insight Generator.

## How is our tool being used?

1. Therapists use this tool to identify the most effective clinical interventions, to guide family support and transfer of skills, and in treatment planning.
2. Front line staff use this tool to help understand the unique needs of each youth and to guide their day-to-day interactions and group interventions.
3. Administrators use this tool to support treatment teams in delivering the most effective interventions, to identify trends in training needs, and to improve overall programming.

## What has been the impact of our innovative tool?

In the three years that Gemma has been using this tool in the Psychiatric Residential Treatment Program, we have seen an increase in the likelihood of being able to stay safely in the community for one year post discharge. Our clinicians feel supported in their work and validated when their case conceptualization is in line with the tools.

## What is next?

1. We are testing the use of the Insight Generator in the Outpatient Setting and expanding training for all clinicians to embed the tool for regular use.
2. We would like to collaborate with other organizations providing similar services to share deidentified data to expand the data set to increase the validity of the tools we are using in the Psychiatric Residential Treatment Facility and Outpatient Program.
3. Gemma is not a research institution. We seek to collaborate with strategic research-oriented thought partners around the best way to further evaluate, refine, and expand this work.
4. Our overarching goal is to improve mental health outcomes for children and youth. We believe a data warehouse that supports the ethical sharing of information to broadly support research across the field to support innovative data solutions will lead to significant improvements in the lives of children, youth, and families.

## About Gemma Services

### Our Vision

We envision a world where every person knows they matter.

### Our Mission

Gemma accompanies people of all ages through life's challenges using individualized, data-informed support.

### Our Commitment to Diversity, Equity, & Inclusion

Gemma is courageously building an organization that ensures equity, justice, and inclusion for every member of our community.

## PROJECT CONTACT

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