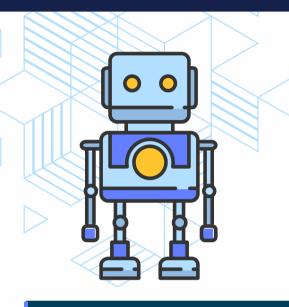


# **HUMANS & ROBOTS**

#### THE VALUE OF AUTOMATION IN BEHAVIORAL HEALTH



**Outline:** 

- 1. Certified Community
  Behavioral Health
  Clinics (CCBHC)
  Overview
- 2.CCBHC Data Requirements
- 3. Tools Used
- 4. Robotic Process
  Automation
- 5. Automated Process
- 6. Benefits & Outcomes
- 7. Using Data to Inform Clinical Actions
- 8. Conclusion

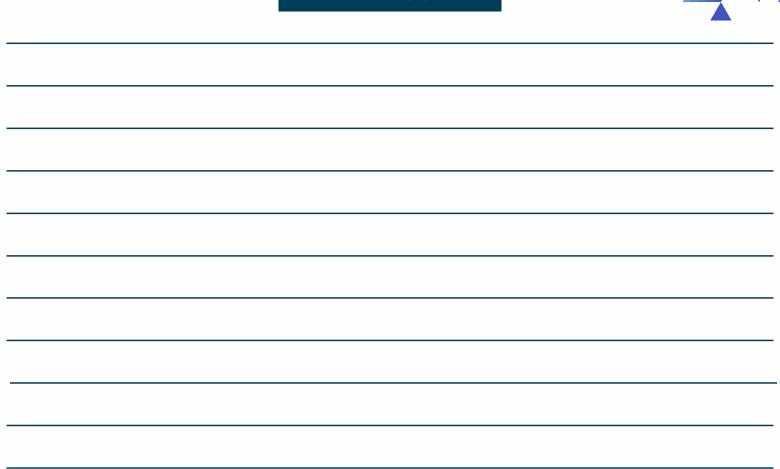
CCBHC data collection and reporting should enhance CCBHC model of increasing access to care, improving follow-up rate, and reducing recidivism. We explore the processes put in place at North Range to maximize data integration, automation, and validation to free up staff to best meet those needs.

From a data perspective, North Range Behavioral Health wanted to create a closed loop process to collect the National Outcomes Measures (NOMs) and Client data for initial baseline reporting and then to be able track client outcomes and provide staff the information needed to manage client engagement, follow through, as well as accurate entry of reassessments and discharges.

North Range developed a system of data collection and reporting that met the needs of staff and client by:

- Creating a combined NOMS instrument in our Electronic Medical Record (EMR), Avatar NX, for both our Adult and Child grants.
- Creating reporting tools to aid in the manual entry of data in the SAMSHA's Performance Accountability and Reporting System (SPARS) website including validation of SPARS though daily downloads of entered SPARS data.
- Creating client tracking tools to monitor client engagement including participation in program, upcoming appointments, core services, upcoming reassessments/discharge, and functioning based outcomes.
- Followed by creating Robotic Process Automation (RPA) to replace manual entry of SPARS.

#### **Notes**





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Cody Campbell graduated from the University of Wyoming in 2015, with a diverse business background, from tax consulting, budget specialist, and recently as a business intelligence report developer. Cody has been involved in mental health for two years, 8 months as a data/report developer at North Range Behavioral Health. In his current role he provides data solutions to various stakeholders within North Range, focused specifically on providing support, and creative data solutions to help manage the CCBHC grant NOMS to SPARS process.



### **Eric Sagel**Eric.Sagel@NorthRange.org

Eric Sagel has been with North Range Behavioral Health for 23 years in both a clinical and Electronic Health Record(EHR)/Data Analyst/Report Developer capacity. He is currently the CCBHC evaluator for North Range focusing on data collection and reporting as well process automation.