

# The Gap Between Hospital-Based Violence Intervention Services and Client Needs: A Systematic Review

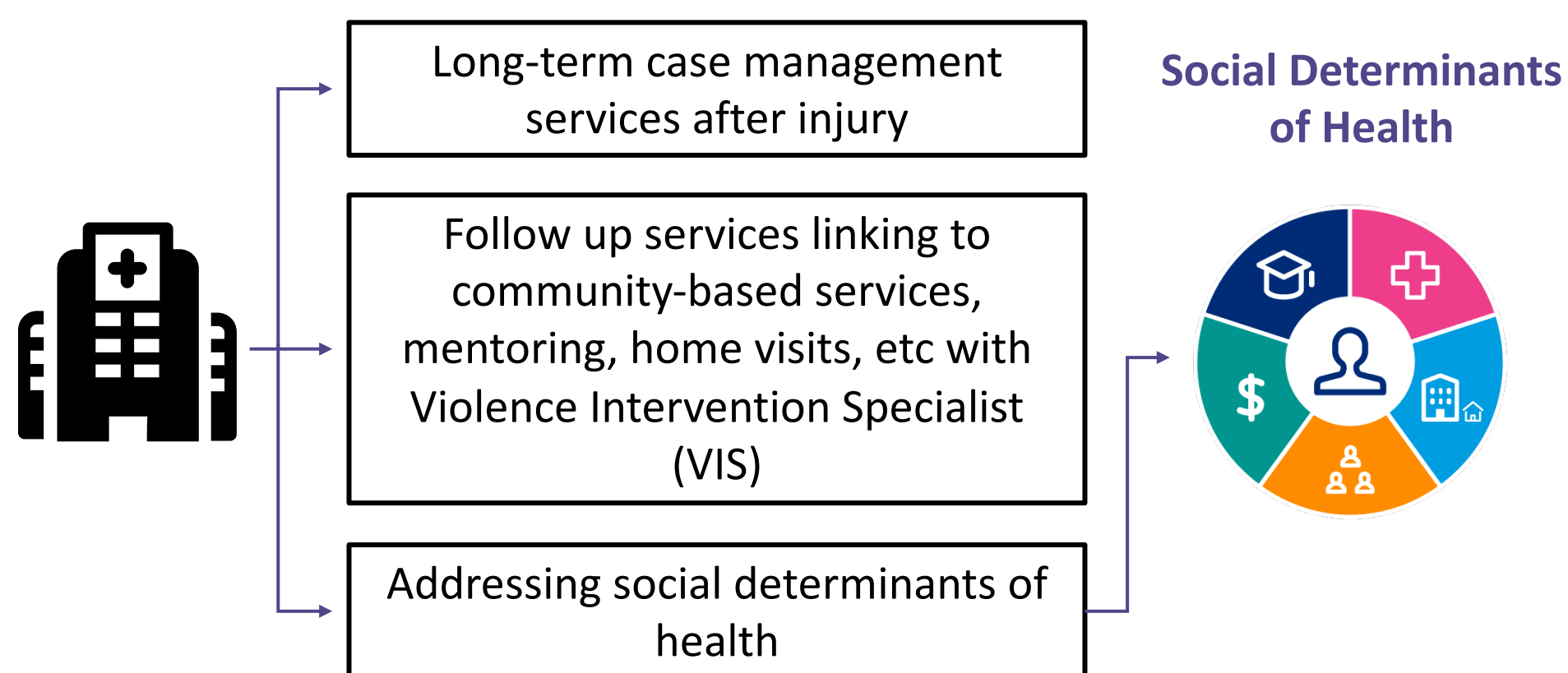
Angie Jang<sup>1</sup>, Arielle Thomas<sup>2</sup>, John Slocum<sup>1</sup>, Kaithlyn Tesorero<sup>3</sup>, Giovanna Danna<sup>4</sup>, Anjay Saklecha<sup>1</sup>, Eileen Wafford<sup>5</sup>, Sheila Regan<sup>6</sup>, Anne Stey<sup>1</sup>

<sup>1</sup>Department of Surgery, Northwestern University; <sup>2</sup>Department of Surgery, Medical College of Wisconsin; <sup>3</sup>University of Illinois College of Medicine; <sup>4</sup>Chicago Medical School, Rosalind Franklin University; <sup>5</sup>Galter Health Sciences, Northwestern University; <sup>6</sup>Acclivus Inc, Chicago, Illinois

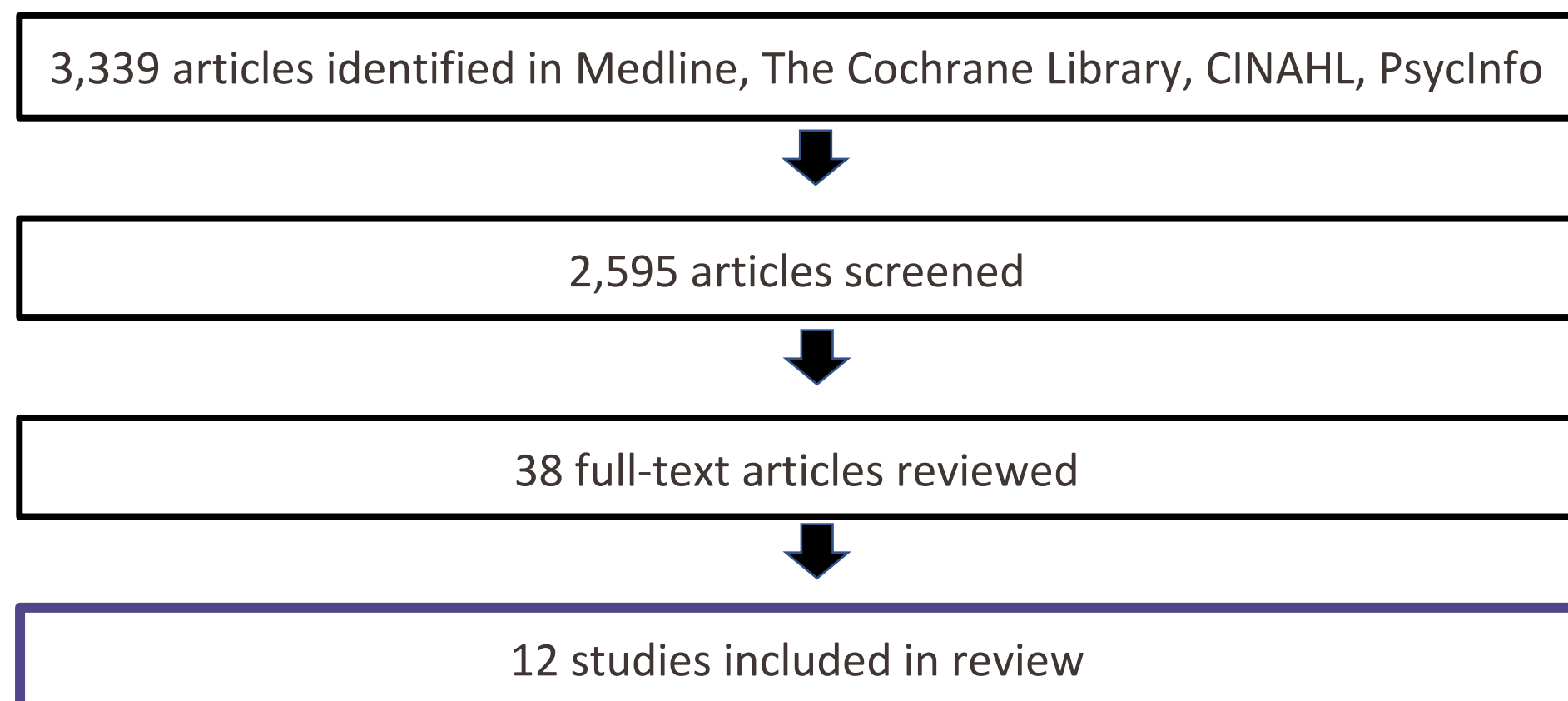
## Introduction

- Homicide has consistently been one of the top three causes of death for people between 15-34 year old
- Previous history of penetrating trauma is one of greatest predictor for future violent injury
- Discharge to same social conditions that led to the incident as medical system often neglects to treat social determinants of health

- **Hospital Based Violence Intervention Program:**



## Methods



## Results: Highlighted Needs and Services



### Mental Health

10/13 studies



### Employment

7/13 studies



### Education

5/13 studies



### Court Advocacy

5/13 studies



### Financial Assistance

4/13 studies



### Information Communications Technology

*San Francisco Wraparound Project*



### Tattoo Removal Program

*Los Angeles County Hospital*



### Digital Non-Emergency Medical Transportation Services

*County General VIP*



### VIS as Mentor and Role Model

**Most Successfully Met Needs:** Vocational training, Court advocacy, Mental health, Financial assistance

**Least Successfully Met Needs:** Obtaining driver's license, Employment, Housing, Education

## Conclusions and Future Directions

### Limitations:

- Limited data on quantitative needs assessments and few programs with research on needs-based outcomes

### Conclusions:

- HVIP partnered with community organizations are essential to addressing social determinants of health for trauma survivors
- Attrition may be improved by increasing trust with VIS, connecting with social networks, and patient-specific interventions
  - Decreasing transportation barriers, providing tattoo removal services, easier means of communication, in program mental health providers

### Future Directions:

- Greater support for HVIPs is needed to better meet employment, housing, and education needs
- More rigorous assessment of HVIP needs-based outcomes may provide greater insight on how to improve resources