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Conclusion

Majority of firework injuries surrounding a single burn center were from illegal fireworks and cities without firework permits. Additional stringent policies and prevention efforts could help avoid significant burn injuries and loss of body parts.

Introduction/Significance

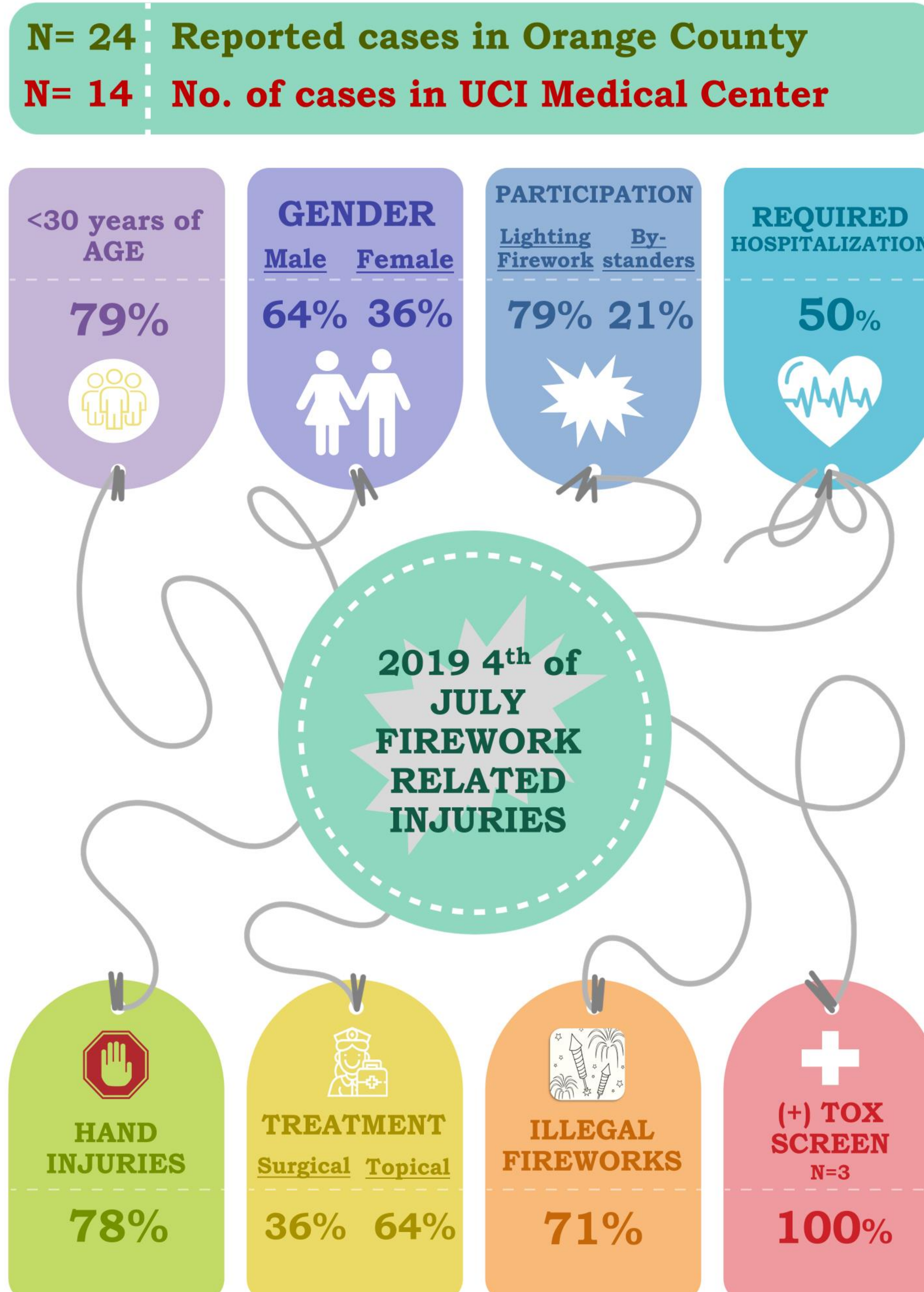
- The purpose of this project is to identify impact of firework injuries and to seek for any trends or patterns.
- Despite existing restrictions and laws related to sale and use of fireworks, prevention of firework injuries has not reached its goal line.



Methodology

- Retrospective chart review of July 2019 firework related injuries treated in a single burn center
- 2017-2019 firework data from the County Firework Authority.
- Data extracted include: Demographics, Nature of Injury, Type of Firework, Location, Treatment, and Length of Stay

Results



Discussion

- Our Burn Center is located in a county with less than national average firework injuries. Additionally, number of injuries had decreased by one third in 2019 from that of previous year. Yet, 14 cases surrounding a holiday appears to be a significant issue and suggest preventive action through out the nation.

Lesson Learned

- Need for increased education and prevention efforts regarding fireworks and potential for burn injury for both users and bystanders.
- Advocacy should involve the development of safety features and additional stringent policies and law enforcement.