#### Introduction

- Treatment of pain is a major reason that patients se care, and is a major cause of loss of productivity in workforce.
- Prescription drug abuse, misuse, and diversion hav studied by the RADARS System in the United State 2001.
- However, no current systems collect data specifical patients self-reporting pain or describe the benefits associated with treatments for pain.
- To address the gap, a pilot survey utilizing a combine questions from well-established instruments to eval treatments for pain, and risks and benefits associat these treatments was developed.
- The objective of this study is evaluate the ease of u feasibility, and content validity of a self-administered evaluating the overall benefits and risks associated treatment of pain.

#### Methods

- A single center, prospective, observational study was conducted at a large urban safety-net hospital em department from June 2017 through November 20
- Eligible adult patients were recruited and complete administered web-based survey evaluating the ov benefits and risks associated with the treatment of pain.
- Following survey completion, a standardized semi interview for content validity was performed with s respondents who reported a history of chronic pai survey readability, question comprehension and interpretation.
- Descriptive statistics for demographics and qualita responses from the content validation interview ar

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### Content Validity of a Survey to Evaluate the Benefits and Risks Associated with Treatments for Pain J. Iwanicki, MD<sup>1</sup>, R. Magtanong, MPH<sup>1</sup>, J. Black, PhD<sup>1</sup>, R. Dart, MD, PhD<sup>1</sup> <sup>1</sup>Rocky Mountain Poison & Drug Center - Denver Health, CO

	Table 1. Structural issue	s of survey identified in qu	alitative content valid
seek medical	Structural Issue	Survey Example	Subject Feedb
n the	Use of symbols	> 10 years ago	I would go back furt
ave been tes since	Use of abbreviations	Prescription NSAIDS	I don't know what N
ally on s and risks	Use of parentheses combined with e.g. to mean "examples"	NSAIDS (e.g. ibuprofen, Advil, naproxen)	I think aspirin is an wouldn't know what I would have said ye choice.
aluate pain, ated with use, ed survey	Medications and drug categories in medical terms	Antiepileptics	Antiepileptics they a I would have known
			Define the medication
ed with the	Use of medical terminology	Musculoskeletal pain Neuropathic pain	Worded with too big
			Some of the respondifference between.
	Res	sults	
y was mergency 2017. ted a self- overall of chronic mi-structured survey ain to assess itative are reported.	<ul> <li>were enrolled in the survey</li> <li>36.6% completed the cont</li> <li>51.2% of study participants</li> <li>Mean age of participants w from 18 to 66 years.</li> <li>55% had total household in per year.</li> <li>During the content validat confirmed that they unders intent of questions, and we interpretations.</li> <li>However, 46.7% of subject</li> </ul>	<ul> <li>55% had total household income of less than \$20,000 per year.</li> <li>During the content validation interviews, subjects confirmed that they understood the overall content and intent of questions, and were able to provide meaningful</li> </ul>	
nd Hospital Authority, a p	t and non-government agencies for surveillance, resear olitical subdivision of the State of Colorado. Denver He		ROCKY MOUNTAIN POISON & DRUG CENTER Saving Lives with Answers TM

idation interviews.

# oack

rther than 10 years...

NSAIDS are.

NSAID. If I didn't know myself I at all the NSAIDs were.

yes to ibuprofen if it were a

always called "nerve medicine", In if they called it that.

tion list in layman's terms.

ig doctor words.

onses I didn't know or the

# Conclusions

nt of this pilot survey to evaluate the risks atment for pain was well understood in this rgency department patients in an urban with low socioeconomic status and low

s including the use of symbols and sed some confusion.

this survey will incorporate changes to in this population.

### Limitations

, generalizability to other centers may be

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