

Two tiers of questionnaires were used in this study.

- Screening Questionnaire was used to confirm that participants fulfilled Rome II criteria for dIBS and aIBS. Main Questionnaire included the following categories relating to
- severity
- Duration of symptom



- Symptoms and severity of most recent IBS episode

  - Urgency Consistency Frequency Pain
- Five exploratory definitions of symptom severity were retrospectively constructed. With the exception of definition #4, all definitions required the duration of symptoms to be  $\ge 1$  year combined with information about symptoms experienced in the most recent episode.
- Definitions:
- 1. At least moderate abdominal pain, cramping or discomfort with diarrhea
- 2. Urgency reported as often or always
- 3. Pain scored as severe
- 4. Urgency scored as often or always and pain as severe 5. #4 and duration of symptoms for ≥1 year

## Analysis

- Continuous data: mean + standard deviation (sd)
- Categorical data: proportions
- Prevalence rates and 95% confidence intervals: per 100 respondents
- Univariable analyses conducted to compare demographic profiles of dIBS and aIBS respondents
- Group differences:
  - Categorical variables via Chi-square test
  - Continuous variables via two-sample independent t-test
- Mean scores for SF-36 domains compared between groups by the two-sample independent t-test; Bonferroni correction for the level of significance of  $\alpha$ =0.05/8=.00625 used as a correction for multiple domain scores between groups
- All analyses performed using SAS<sup>®</sup> for Windows<sup>®</sup> (version 8.2).

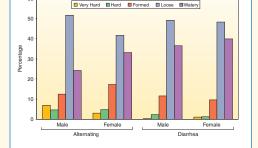
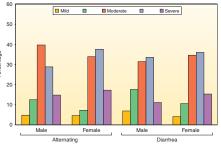




Figure 4. Consistency



Web-based methodology allows for collection of symptoms of episodic

Potential technology bias in overall web-based panel

- Majority of dIBS and aIBS participants reported a recent episode of IBS.
- Episodes were characterized by a substantial level of multiple symp
- Approximately 10% met at least one combination of symptom severity Using different definitions, 8–52% of patients with IBSa or IBSd could be considered to have "severe" IBS.
- One limitation

Conclusion

- Clinical definitions of IBS severity have not previously been developed, so no benchmarks are available for comparisons due to cyclic and variable nature of the disorder.
- Patient-reported data about symptoms can help in the evolving characterization of IBS severity and understanding of the prevalence and burden of IBS.

## Disclosure

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## Presenter

## Susan Eaton Director, Epidemiology Research

RTI Health Solutions, RTI International 3040 Cornwallis Road, PO Box 12194 Research Triangle Park, NC 27709-2194 Phone: 919.541.6986 Fax: 919.541.7222 E-mail: sceaton@rti.org www.rtihs.org

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