

Real Life Use of Intranasal Ipratropium in Rhinitis: *Impact on Anterior Rhinorrhea and Postnasal Drip*

PRESENTER:
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RATIONALE

- In rhinitis, intranasal ipratropium (INI) has been found effective for treatment of anterior rhinorrhea (ARH), but not consistently for postnasal drip (PND)
- We hypothesized that with its localized anti-cholinergic effects reducing nasal mucus production, INI could benefit PND

METHODS

- We identified adult patients with rhinitis in the Saint Louis University Allergy/Immunology clinic who had been prescribed INI
- We evaluated patients for subjective improvement based on their initial complaints

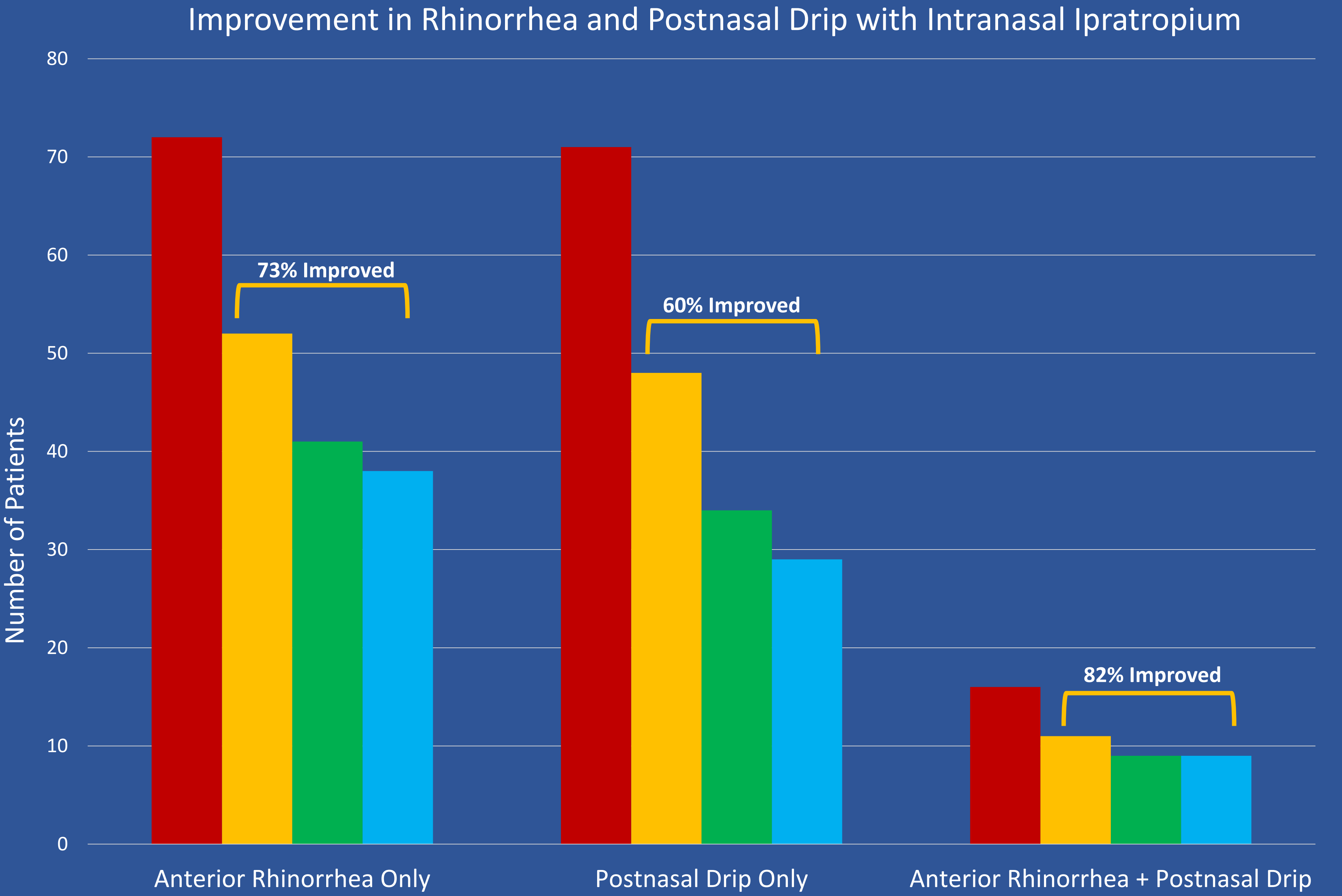
CONCLUSION

- In this exploratory study, addition of INI provided subjective benefit for both ARH and PND in adults

FURTHER INVESTIGATION

- A prospective study of INI in ARH and PND is underway
- A randomized, placebo-controlled trial ultimately is needed to confirm or refute these results

Intranasal ipratropium provides benefit in both anterior rhinorrhea and postnasal drip in adult patients.



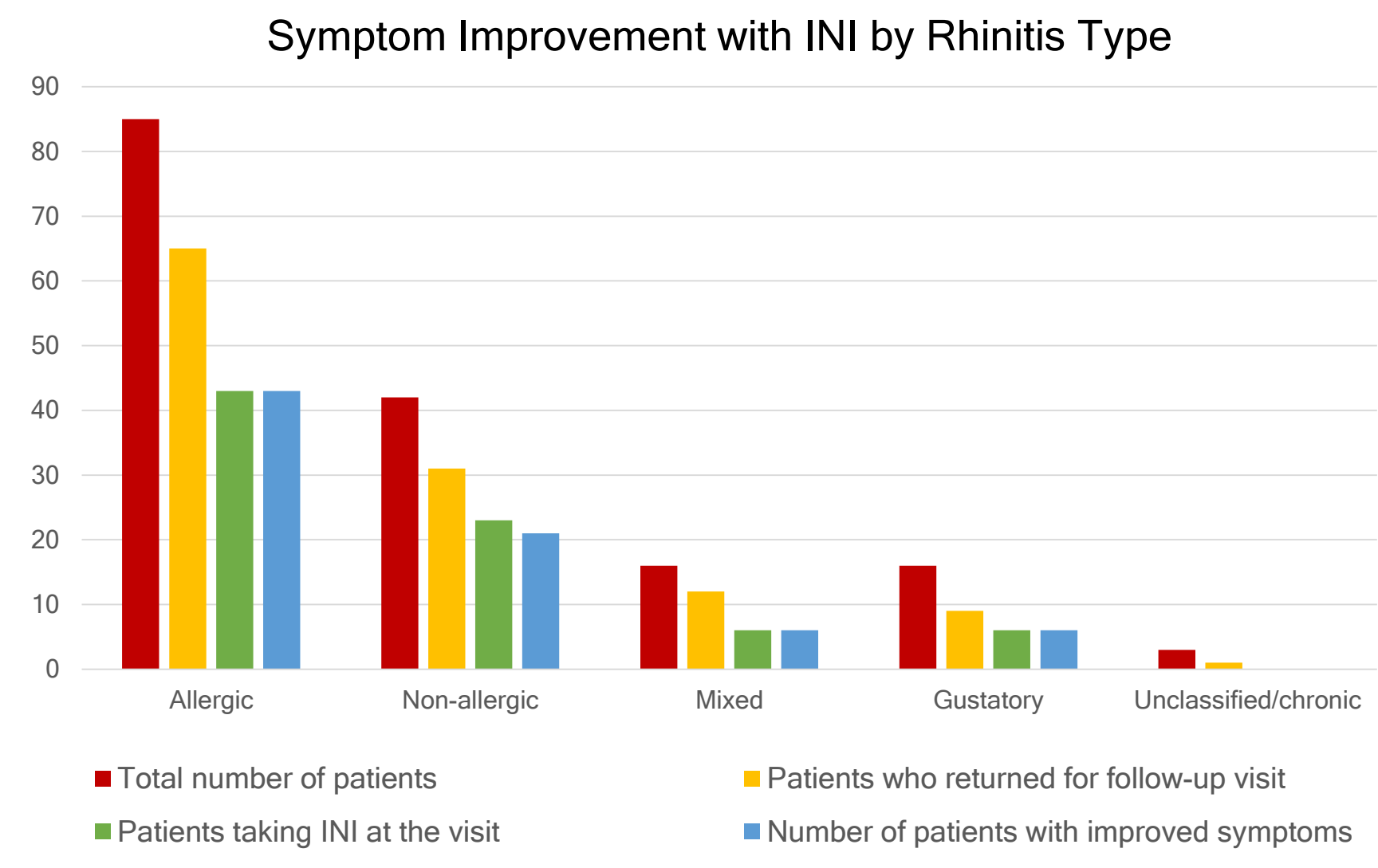
- Total number of patients
- Patients who returned for follow-up visit
- Patients taking INI at the visit
- Number of patients with improved symptoms



DEMOGRAPHICS

- 149 patients identified
- 109 (73%) women, 40 (27%) men
 - Mean age 54.7 (range 24- 86) years
 - 85 (57%) with allergic rhinitis
 - 42 (28%) with non-allergic rhinitis
 - 16 (10%) with mixed rhinitis
 - 16 (10%) with gustatory rhinitis
 - 3 (2%) with unclassified/chronic rhinitis

Prior to starting INI	# of Patients	% of Patients
No medications	15	10
Saline nasal rinse	2	1
On OAH alone	27	18
On INCS w/o INAH	52	35
On INAH w/o INCS	12	8
On INCS + INAH	41	26



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