

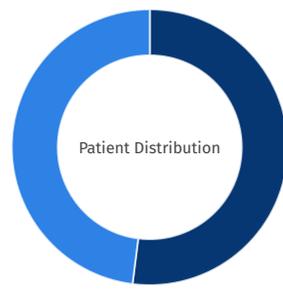
# Rhinosinusitis Detection by CT

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## Study Aim

Evaluate the early detection of rhinosinusitis using CT scans.



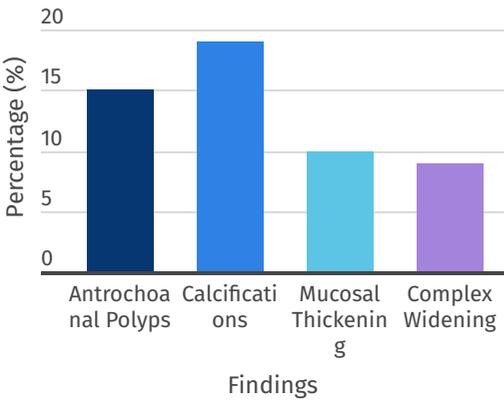
## Patient Data

100 patients with sinonasal symptoms were analyzed for this study.



## Findings

52% of patients were diagnosed with rhinosinusitis based on CT results.



## CT Results

Common findings included polyps and mucosal thickening observed in these scans.



## Contrast CT

78 patients received contrast-enhanced CT, with 52.6% detection rate.



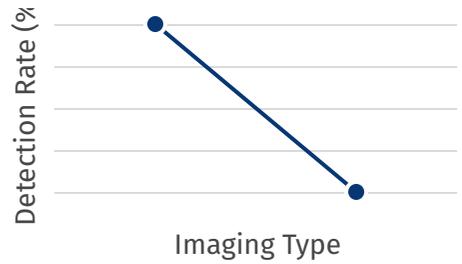
## Non-Contrast

In the non-contrast group, 50% of patients were found to have rhinosinusitis.



## Detection Rates

No significant difference was found between contrast and non-contrast CT results.



● Detection Rate Comparison



## Conclusion

Both imaging modalities are effective for early rhinosinusitis detection, supporting non-contrast CT as the safer first-line option in clinical practice.