



**THE OHIO STATE UNIVERSITY**  
WEXNER MEDICAL CENTER

# **Age Trending Gender Differences in Musculoskeletal Telehealth Utilization**

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# Disclosures

We have nothing to disclose

# Background



In person

**VS**



Telemedicine



Software



Technology



Physician/patient  
knowledge

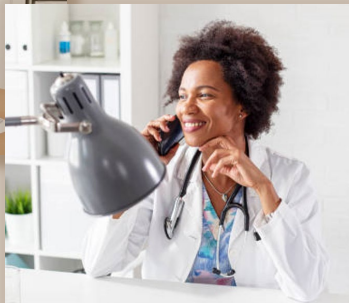


## Background



**Video Chat**

**Phone Chat**



# Background

**Gender Differences!**




# Purpose

**Investigate** a possible **relationship** between the **gender** of musculoskeletal patients **and** their **utilization of musculoskeletal telehealth**



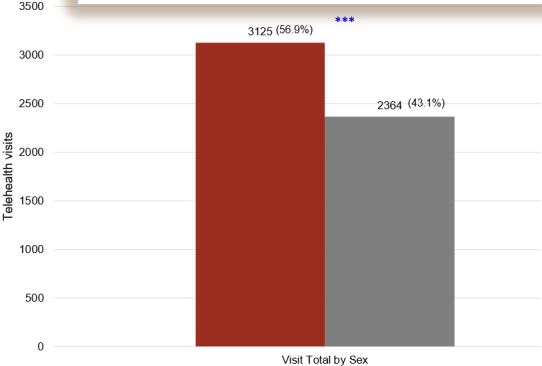
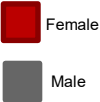
## Methods – Observational Cross-Sectional Study

- Orthopedic Surgery, Sports Medicine, Podiatry
- Academic Level 1 Trauma Center
- March – July 2020
- Chi Squared and Comparisons of Proportions

Age (years)	0-17	18-30	31-50	51-65	66+
Overall					
New Vs Established					
Video Vs Phone					

# Results

**Total Visits: Women (56.6%) > Men (43.1)**

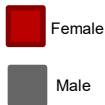
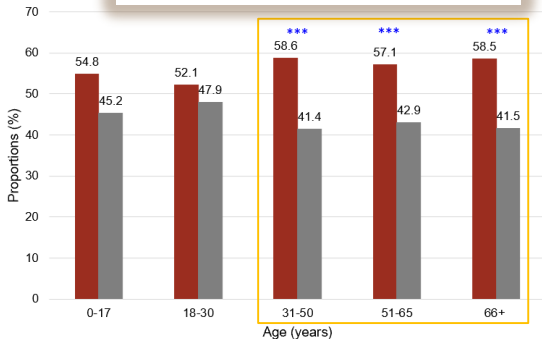


95% CI: [11.9411%, 15.6453%]



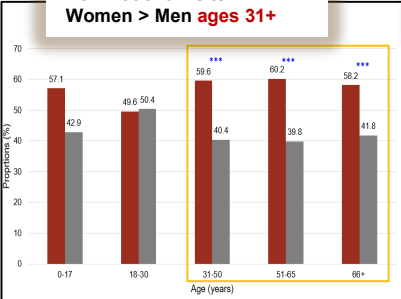
## Results

**\*\*\*Visits: Women > Men ages 31+**  
**No difference ages 0-30**

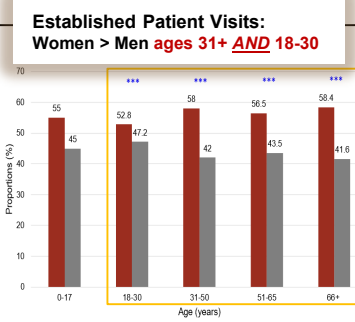




# Results

**New Patient Visits:  
Women > Men **ages 31+****



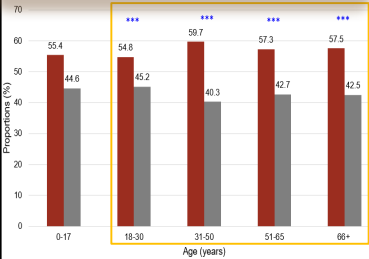
**Established Patient Visits:  
Women > Men **ages 31+ AND 18-30****



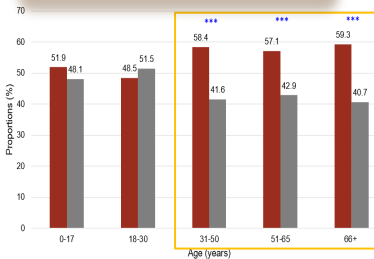
 Female  
 Male



# Results

**Video Visits:**  
**Women > Men ages 31+ AND 18-30**



**Phone Visits:**  
**Women > Men ages 31+**



 Female  
 Male

## Conclusions - Interesting points

Overall, Telehealth usage was greater in females vs males:

- 31 years and older in every category
- 18-30 Year old's in Established patients and Video Telehealth



**Thank you!**

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