

CHART REVIEW: CURRENT PRACTICES OF PCPS FOR PRE- DIABETES MANAGEMENT AND THEIR EFFECTS ON A1C

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Background



□ Pre-DM

- What do we know?
- What, if any, are the current standard practices in primary care?

□ Literature Review

- No standard practice guidelines
- Significant variability provider to provider
- ADA Recommendations

Methods



- Design - Chart review
- Pulled 400 charts, randomly, all Erie patients – 2013-2015 – Age 18-65 – A1c ≥ 5.7 at any point during this timeframe
 - ▣ Non-pregnant
- Statistician pulled charts and randomly assigned to 2 auditors
 - ▣ 40 the same charts
 - ▣ Inter-rater reliability

Items Reviewed

- Documentation of Assessment
- Date of Documentation of Assessment
- Documentation of Plan
- Date of Documentation of Plan
- Counseled on:
 - Lifestyle
 - Diet
 - Exercise

Items Reviewed



- PCOS
- Gestational Diabetes
- Family History of Diabetes
- Discussed starting Metformin?
 - Date of start
- Self management Goals
- Referral to Health Promotions
 - Did they complete their visit?
 - How many visits?
- Handout given?

Methods/Results

- Step 1: Clarified variables
- Step 2: Reviewed charts together
- Step 3: Went through 200 charts
- Step 4: Data Pull → a few variables didn't line up based on inter-rater reliability
- Step 5: Repeated 30 charts each --- still a few variables didn't line up
- Step 6: Data Pull – “no go” based on inter-rater reliability
 - ▣ What matched and what didn't
 - ▣ Looking for a 0.8 agreement → unable to obtain
- Step 7: Post Hoc Process – took new sample of 30
 - ▣ Made sure on same page
 - ▣ Mistakes still made
- Step 8: Unable to use data

Results



- None

Discussion



- What do we know about research guidelines for inter-rater reliability?

Next Steps



- Looking at Referrals to Health Promotions and their Effects on Outcome

Questions?



Thanks

