

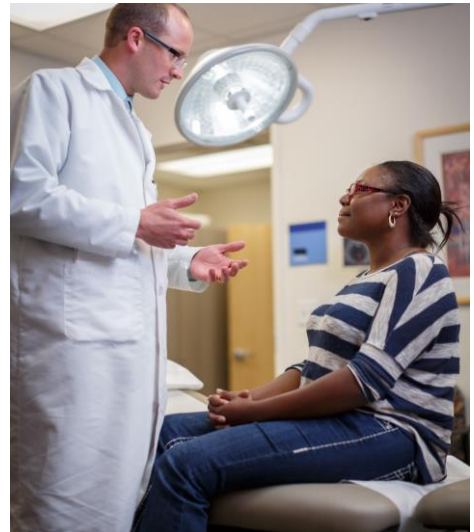
# Convergence of Population Health Management and Appropriate Chronic Opioid Prescribing

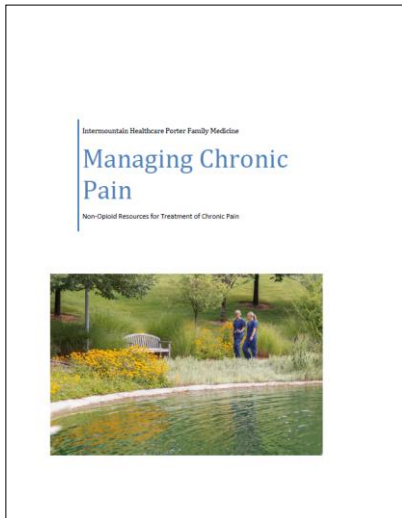
Anne Hutchinson MD  
Tim Drake PharmD, MBA, BCPS



## Safe Opioid Prescribing Issues

- Residents received conflicting information
- Apathy toward opioid prescribing increased as residency progressed
- No guidelines, helps or rules within the clinic
- CDC data





## Plan

- Schedule opioid education for physicians
- Establish a multi-disciplinary pain advisory board
- Develop guidelines for the clinic
- Start quarterly chronic pain grand rounds
- Institute opioid patient registry
- Population-based intervention
- Monitor resident satisfaction

## Key Clinic Guidelines

- No decision on opioids until 3<sup>rd</sup> visit
- Address behavioral risk
- Avoid opioids + benzodiazepines/OSA
- Do not exceed 80 DME
- Regular monitoring
- Encourage self-management class



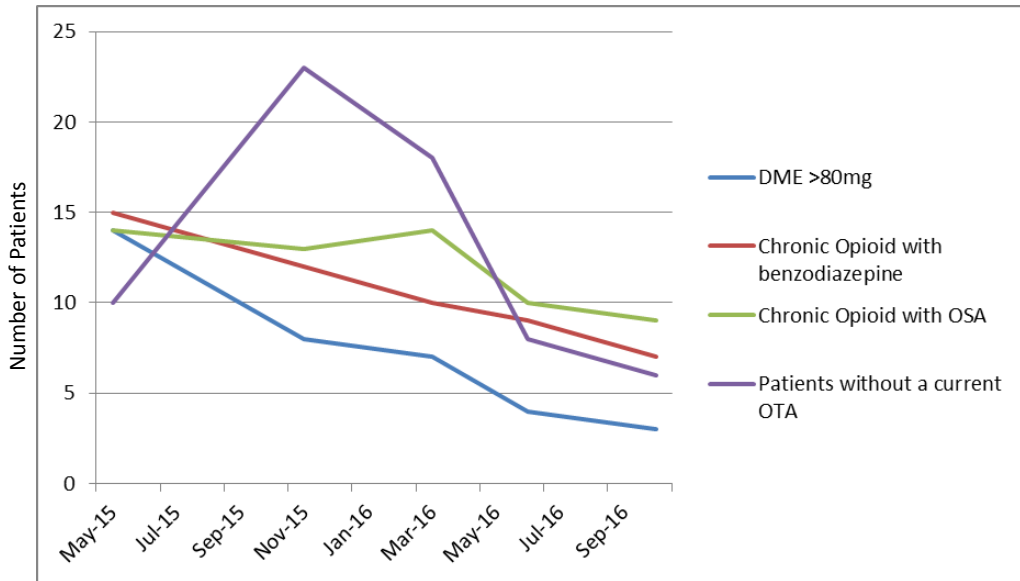
## Metrics

- Number of patients in high risk categories
- Patient attrition
- Residents' confidence and satisfaction with opioid prescribing

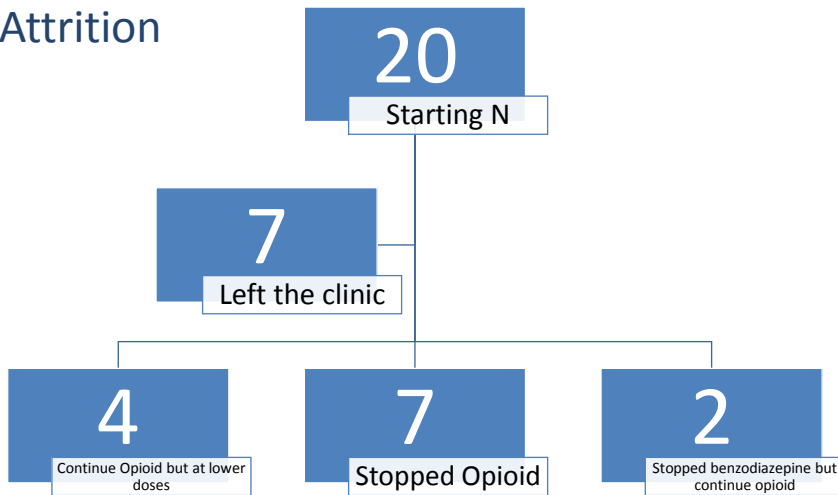


LAST_ORDER_PRIVC	LAST_ORDER_E	AVG_MORPH_EQUIV_DI	MMA	LAST_MMA_EVET	MMA_SOURCE_TXT	OPIATE_LIST	BENZO_RX_FL	SLEEP_APNEA_E
Schermann, Stephen	3/28/2016 13:02	165	Y	7/29/2015 22:01	CB_HELP2_ORU	oxycODONE (OxyCONTIN 20 mg oral tablet, extended release); oxycODONE (OxyCONTIN 40 mg oral tablet, extended release)		
Hanson, Joey	8/5/2016 13:45	69.6	Y	9/20/2016 13:26	CB_HELP2_ORU	oxycODONE (oxycODONE 20 mg oral tablet); oxycODONE-acetaminophen (Percocet 10 mg-325 mg oral tablet); oxycODONE-acetaminophen (oxycODONE-acetaminophen 7.5 mg-300 mg oral tablet)	Y	
Dias, Valeria	10/27/2016 12:45	63.33	Y	4/27/2016 11:28	PowerChart	HYDROcodone-acetaminophen (HYDROcodone-acetaminophen 10 mg-325 mg oral tablet); tramADol (traMADol 50 mg oral tablet)		1/12/2017 0:14
Brill, Jason	12/18/2016 14:38	57.86	Y	10/19/2016 7:49	PowerChart	oxycODONE (oxycODONE 10 mg oral tablet)		
.	10/28/2016 16:14	46.67				morphine (morphine 60 mg/12 hours oral tablet, extended release); oxycODONE (Roxicodone 30 mg oral tablet)	Y	
Martindale, Brett	6/23/2016 13:41	45				oxycODONE (oxycODONE 30 mg oral tablet)		
Brill, Jason	2/22/2017 11:08	42.86	Y	11/7/2016 9:53	PowerChart	oxycODONE-acetaminophen (oxycODONE-acetaminophen 10 mg-325 mg oral tablet)		11/7/2016 9:46
Brill, Jason	2/5/2017 15:53	38.79	Y	9/4/2015 14:39	CB_HELP2_ORU	HYDROcodone-acetaminophen (HYDROcodone-acetaminophen 10 mg-325 mg oral tablet); HYDROcodone-acetaminophen (HYDROcodone-acetaminophen 7.5 mg-325 mg oral tablet); HYDROcodone-acetaminophen (Norco 10 mg-325 mg oral tablet)		
Dillie, Brett	12/20/2016 16:04	36.5	Y	9/20/2016 14:18	CB_HELP2_ORU	HYDROcodone-acetaminophen (Norco 5 mg-325 mg oral tablet); HYDROcodone-acetaminophen (Norco 10 mg-325 mg oral tablet)		

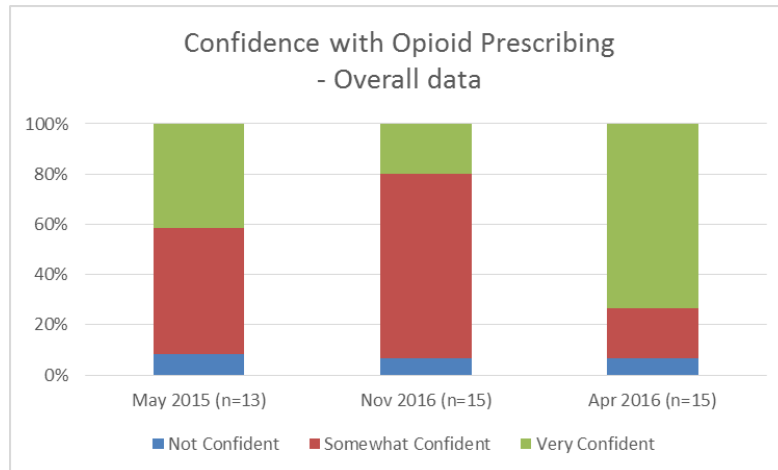
## Registry Results



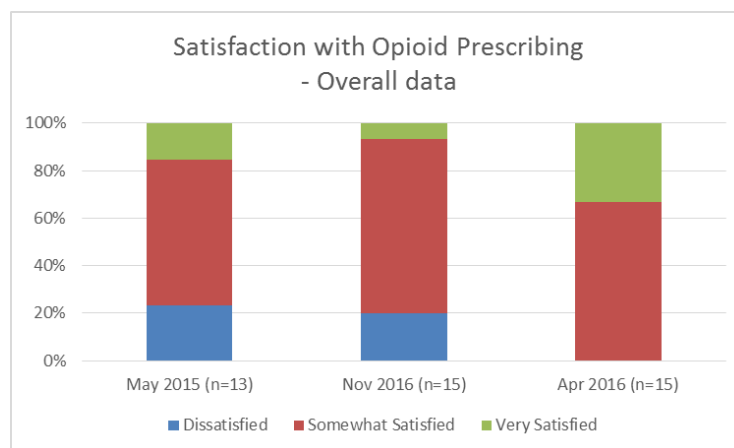
## Patient Attrition



## Resident Survey Results



## Resident Survey Results





## Conclusions

- Resident confidence increases with standardized teaching
- A patient registry is a great tool to monitor patients and increase accountability of providers
- A standard curriculum and registry appear to have positive effects on appropriate prescribing of opioids
- Expanded use of the registry and curriculum is needed to validate the data