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# Multifaceted Quality Improvement Project for Improving Blood Pressure Control

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# No Disclosures

# Controlling HTN in residency clinic

- Summa Barberton Family Practice – 18 resident + 6 attending physicians
- 18 less experienced physicians with many competing obligations
- New to practice, new to EMR, new to workflow
  - Blood pressure of patients missed in the EMR
- Many different providers seeing patients, not enough continuity
  - No standardization means treatment of chronic diseases might not be ideal
  - Opportunity for change and setting up good habits

# Hypertension Quality Improvement

Baseline: Oct 2016 – Apr 2017: % of Hypertensive patients with BP <140/90

- All patients: 2598 visits: 59%
- Medicaid patients: 734 visits: 58%

Interventions:

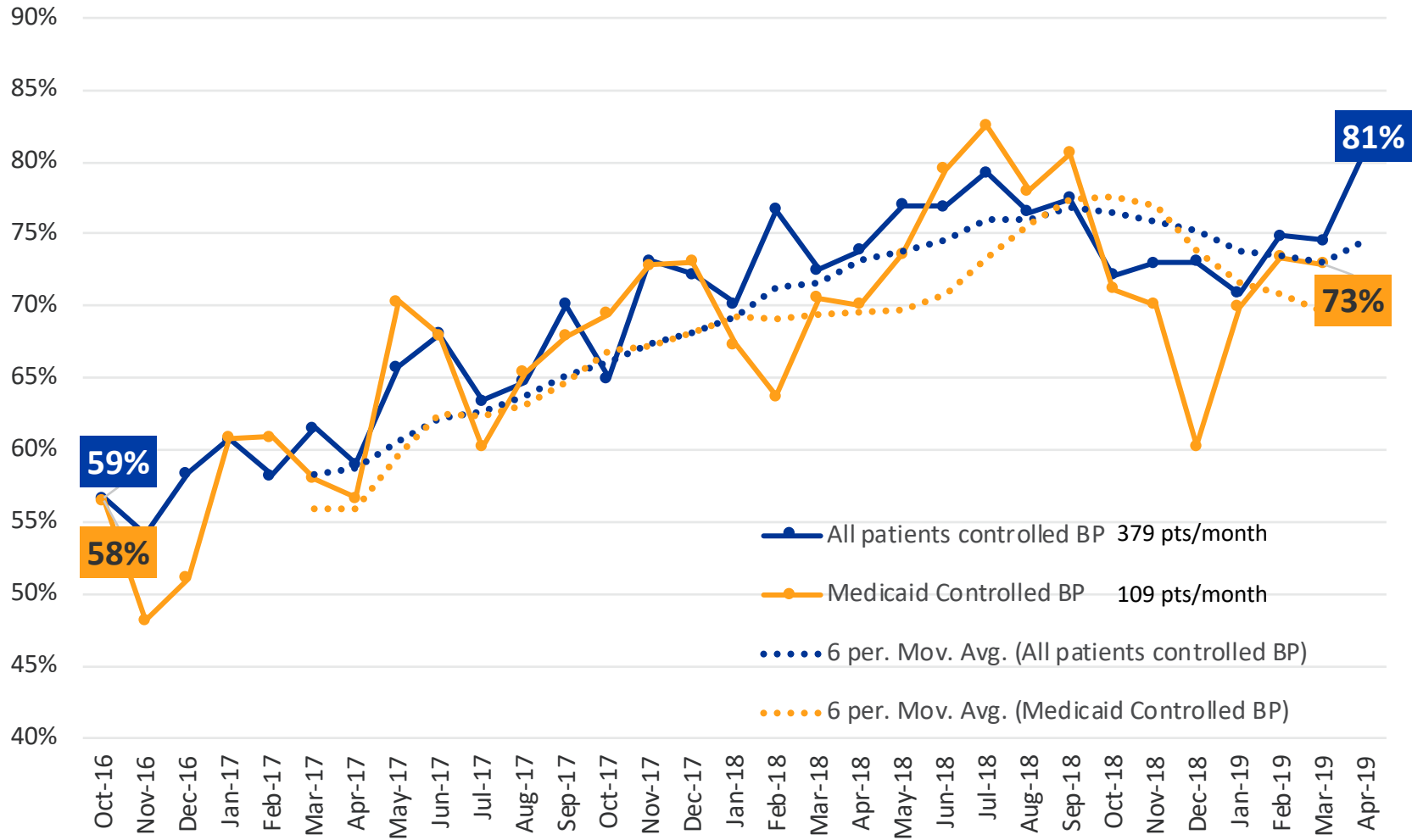
## During Office Visit

- Accurate BP Measurement
  - Staff education: Video
- Repeat measurement if >140/90
  - Change office workflow
- HTN EMR Template
  - Goal BP, Lifestyle counselling
- Treatment Algorithm
  - Single combination pill initially
- BP Kit for all Medicaid patients
  - Handed out in office with education

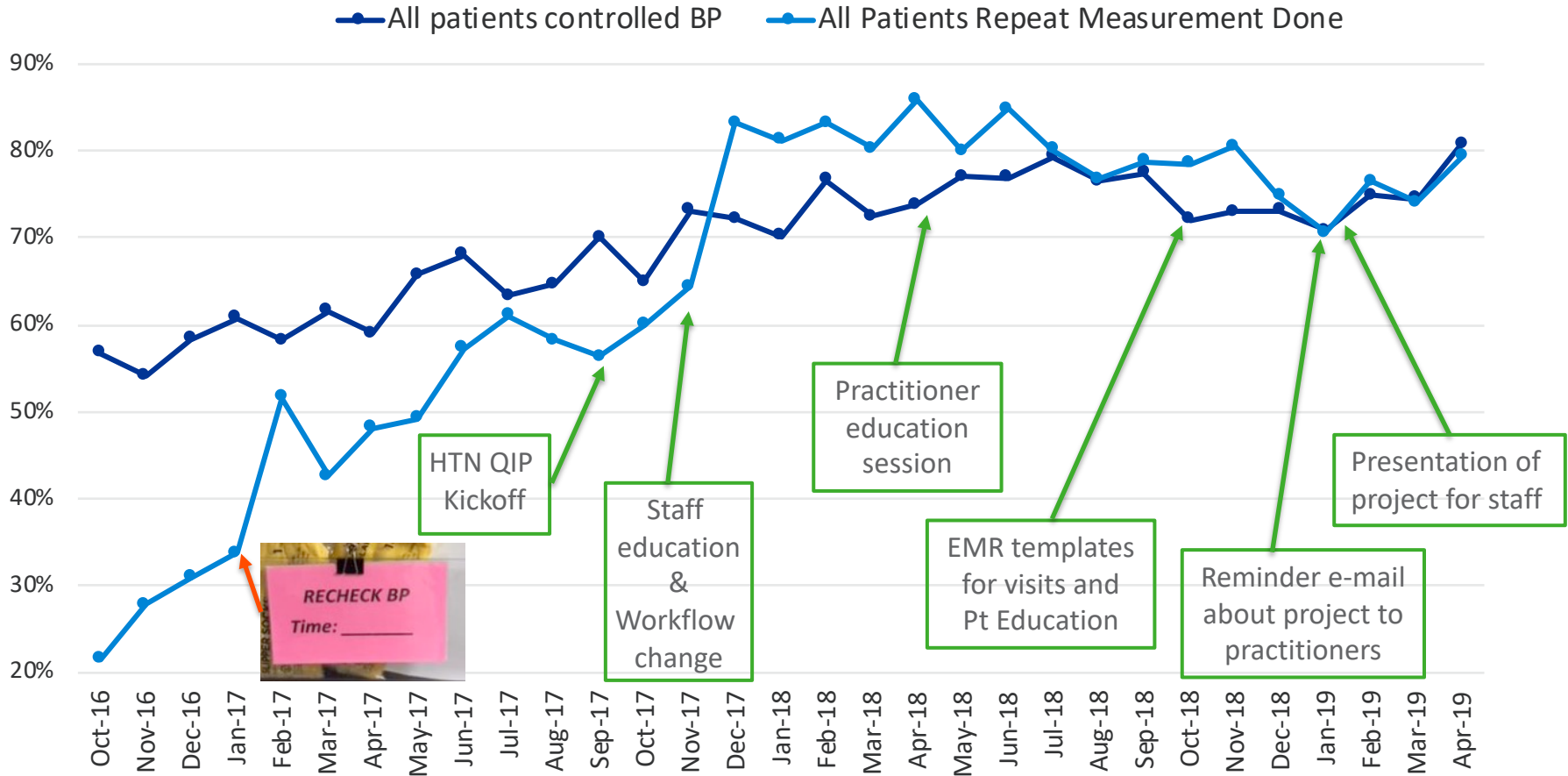
## Outside of Office Visit

- 30 day follow up if not at goal
- HTN education for residents & staff
- Patient Outreach
  - Partnering with MCP
    - United + MyCare CareSource
    - Mail-out BP Kits via MCP/DME
  - MyChart / Phone Outreach\*
    - Patients who are uncontrolled or do not have an appointment
    - Patients who do not have BP Kit

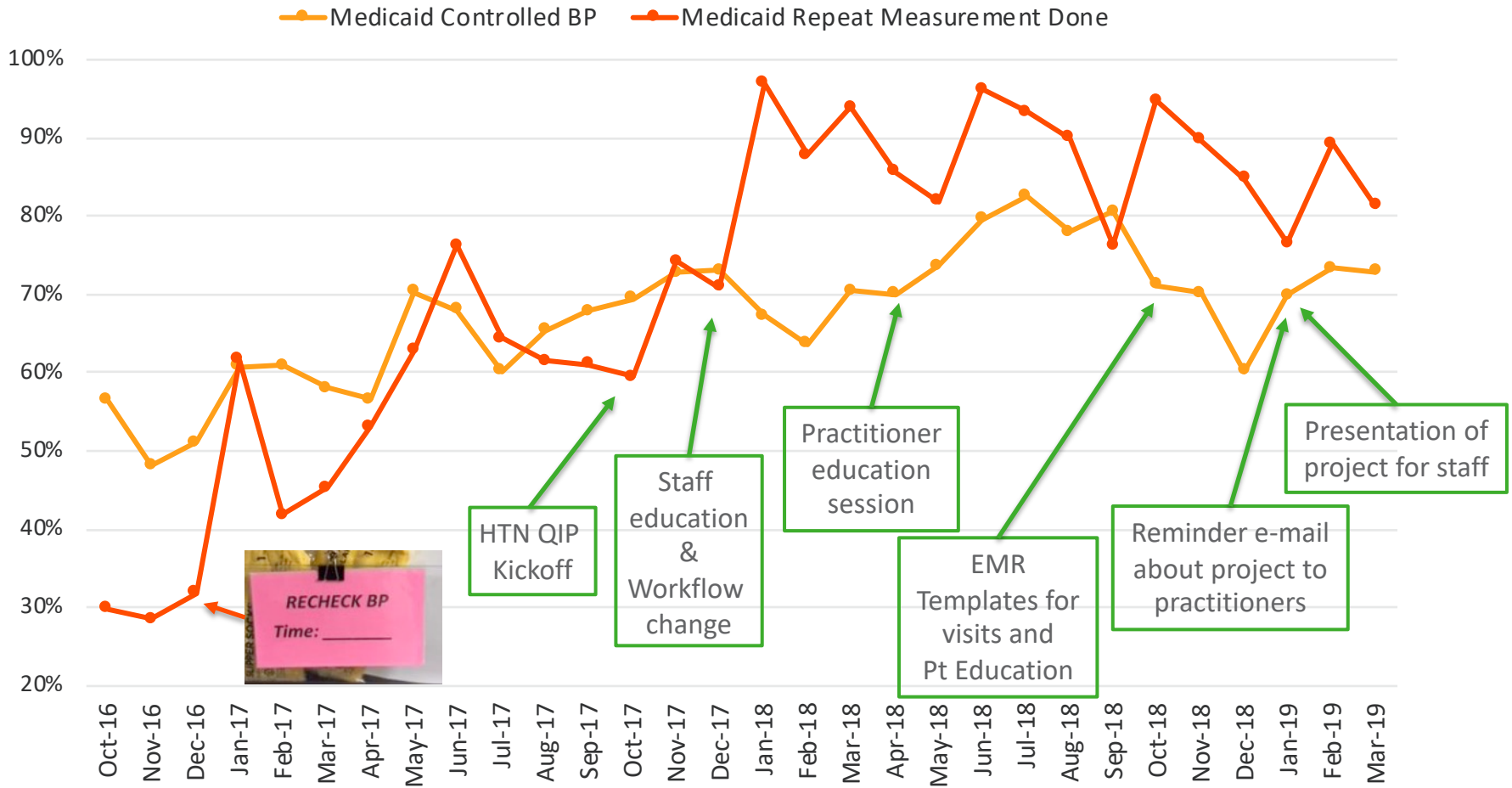
# Percentage of Hypertensive Patients with Controlled Blood Pressure <140/90



# Hypertension Control and Repeat Blood Pressures in All Patients

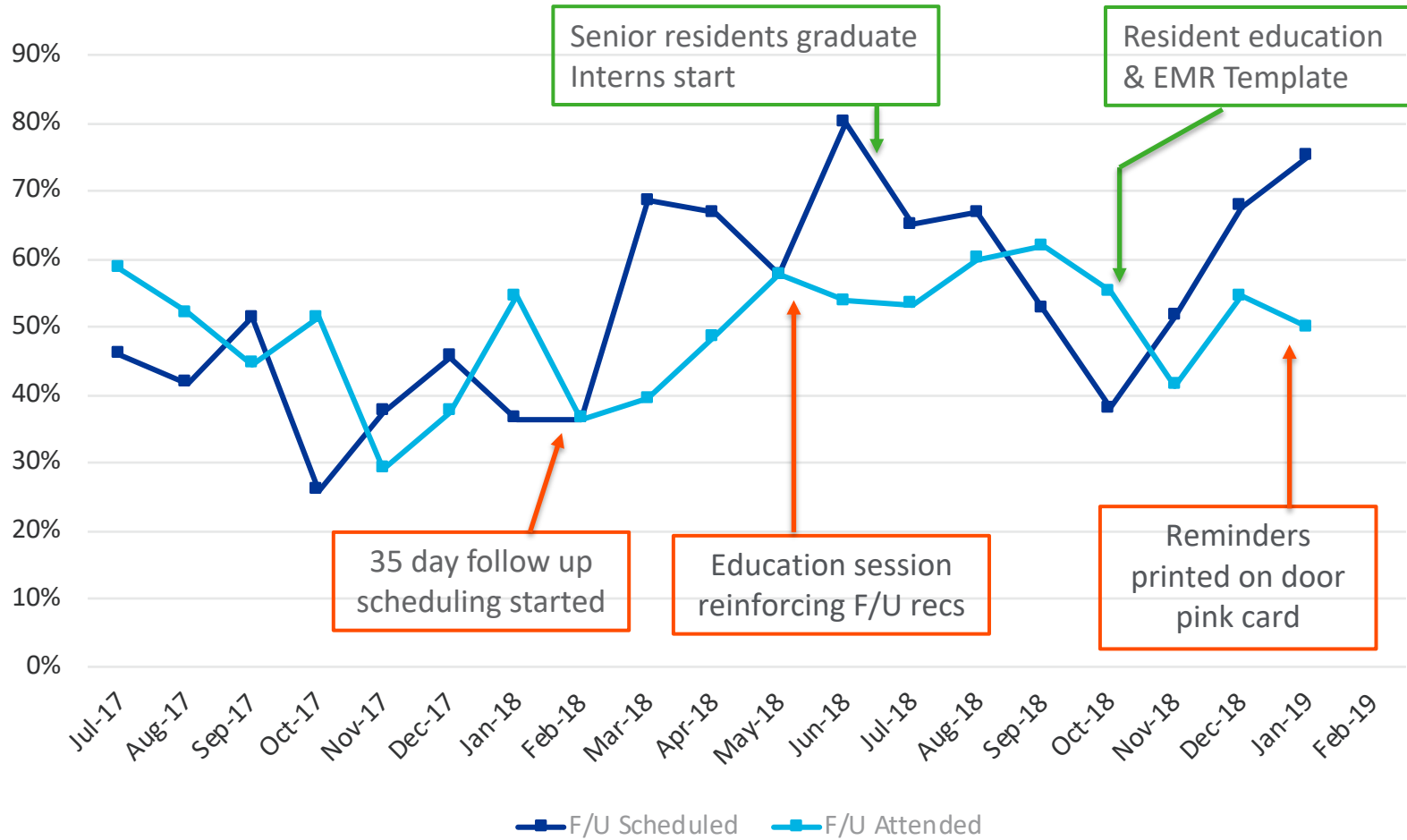


# Hypertension Control and Repeat Blood Pressures in Medicaid Patients





# Medicaid Patients with 35 Day Follow Up Appointments





## Conclusion

- Lots of improvements in processes and education over 2 years
- To come:
  - More patient outreach
  - Maintain gains – continued challenge with physician and staff turnover
    - HTN QIP project involvement
  - Standardizing use of home BP measurements

Thank you to:

Dr Shari Bolen and



# Thank you

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