

Shared Medical Appointments for Lynch Syndrome: An Effective and Efficient Model for Patient Management

Lisa LaGuardia BSN, Margaret O'Malley BS, Gautam Mankaney, MD; Michael Cruise, MD; Karen Hurley, PhD; Brandie Leach, CGC; Carol Burke, MD; James Church, MD; Matthew F. Kalady, MD

Sanford R. Weiss, M.D. Center for
Hereditary Colorectal Neoplasia
Digestive Disease and Surgery Institute
Cleveland, Ohio, USA

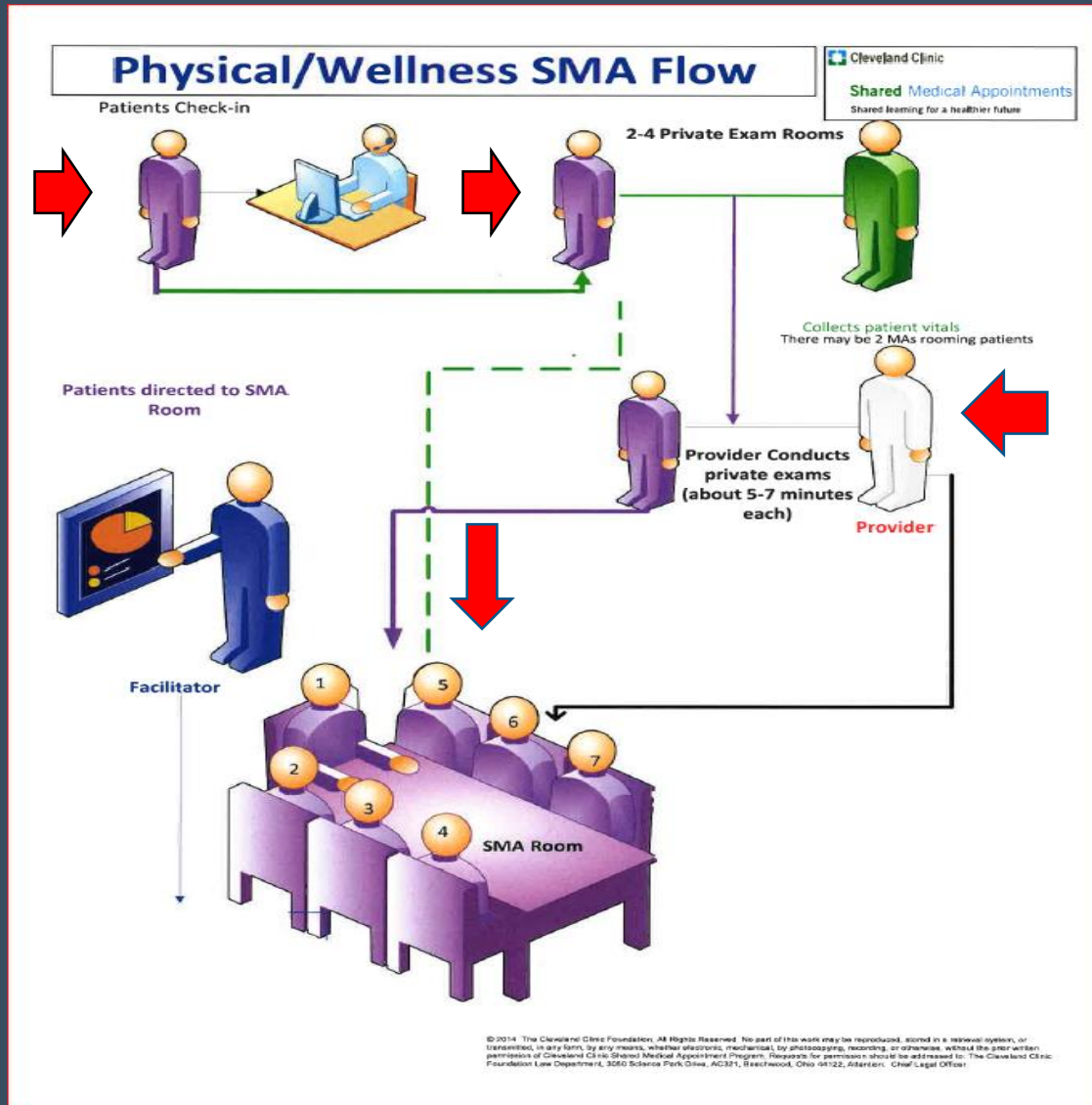


Shared Medical Appointment

Shared Medical Appointments (SMA) allows patients to receive one-on-one physician consultation in the presence of others who share similar medical issues.




Lynch SMA Overview



- Multiple team members
- 3-6 newly diagnosed patients with LS, with family members
- Occurs every 2 months, 1st Monday

Why did we start Lynch SMAs?

- Patient Benefits
 - Increase available slots/more access
 - Provides group support
 - Opportunity to learn from each other
 - Includes family
 - Physician Benefits
 - Improve physician efficiency
 - Provides more formal education
 - Team concept
- 

Study Goal

- To review our early experience with a new LS SMA program



Methods

- Patients attending an single site SMA from April, 2017 to October, 2018
- Prospectively recorded:
 - Basic demographics
 - Genotype
 - Medical history
 - Concurrent screening appointments
 - Patient satisfaction questionnaire

Results

- 28 patients and 21 family members
 - 25 females, 3 males
- Mean age: 44 years
- 64% of patients brought family
- Average 1-on-1 physician time: 5-10 min
- Group session ranged from 40-50 min
- 30 questionnaires returned

Questionnaire Results

N=30	Neutral	Agree	Strongly Agree
Scheduling was easy		4	26
Gain valuable information from other patients	2	6	22
Adequate time for questions		1	29
Gained valuable information from facilitator		2	28
Medical needs were met		8	22
How likely are you to participate in a SMA again	2	9	19
Would you recommend SMA to other patients	1	4	25
I feel my medical information is secure in a group setting		5	25

Direct Patient Comments

My wife has only been diagnosed for over a year. I have a much better understanding of the disease now after hearing this presentation



I really liked the group setting. It was very nice to have questions that I didn't think of and got very good answers

The facilitator was very knowledgeable and explained in a way that I could understand

Would bring other family members if there is another one on Lynch

I liked it better than one-on-one, heard questions I wouldn't have thought of.

Results: Other Screening

N=106

Colorectal Surgery Consult	28
Dermatology Consult	19
Labs	14
Colonoscopy	12
GYN Consult	10
EGD	9
Urology Consult	6
Renal Testing	3
Capsule Endoscopy	2
Genetic Counseling	1

Results: Efficiency

- Individual appointments: 40 minutes each
 - 5 patients = 200 minutes
 - Repetitive conversations
- SMA: about 80-90 minutes
 - 5-10 min per patient + 40-50 min group session
 - Educational overview given once

Summary

- LS SMAs are feasible and practical
- LS SMAs were favorably received by patients and their families
- Patient felt they learned from both physicians and other patients
- Efficient for physicians



Conclusions

- SMAs provided effective platform for physicians to evaluate, educate and manage patients with Lynch syndrome
- We plan to continue to grow these SMAs and to expand into other hereditary syndromes



Thank you!

