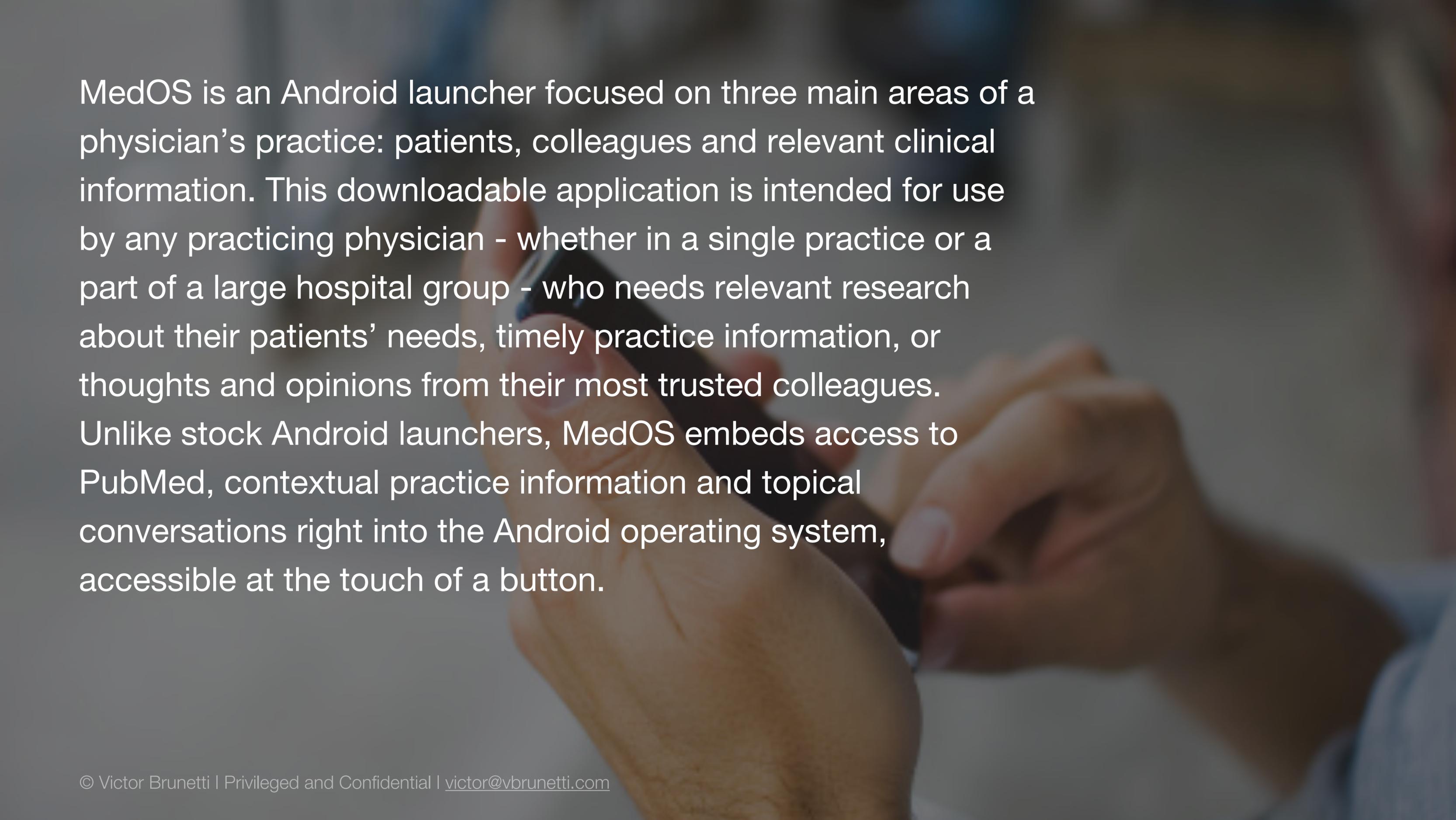


# Introduction to MedOS

[medos.us](https://medos.us)



A close-up photograph of a person's hands holding a black smartphone. The person is wearing a light blue shirt. The background is blurred, showing what appears to be a white surface, possibly a desk or table. The text is overlaid on the image in a white, sans-serif font.

MedOS is an Android launcher focused on three main areas of a physician's practice: patients, colleagues and relevant clinical information. This downloadable application is intended for use by any practicing physician - whether in a single practice or a part of a large hospital group - who needs relevant research about their patients' needs, timely practice information, or thoughts and opinions from their most trusted colleagues. Unlike stock Android launchers, MedOS embeds access to PubMed, contextual practice information and topical conversations right into the Android operating system, accessible at the touch of a button.

Connect with patients,  
access their charts  
from anywhere and  
better manage  
scheduling.



**MedOS**

Engage trusted  
colleagues in secure  
question and answer  
discussions.

Research anytime by  
searching PubMed.  
Read, save and share  
abstracts within  
MedOS.

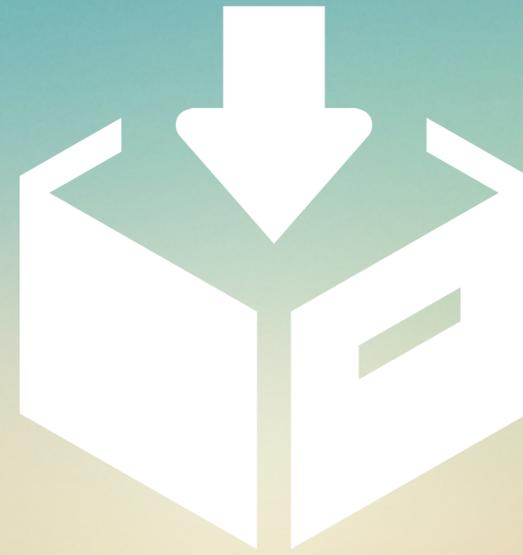


Market Opportunity

There are **850,085**  
**physicians** with an active  
license to practice medicine  
in the United States and the  
District of Columbia.

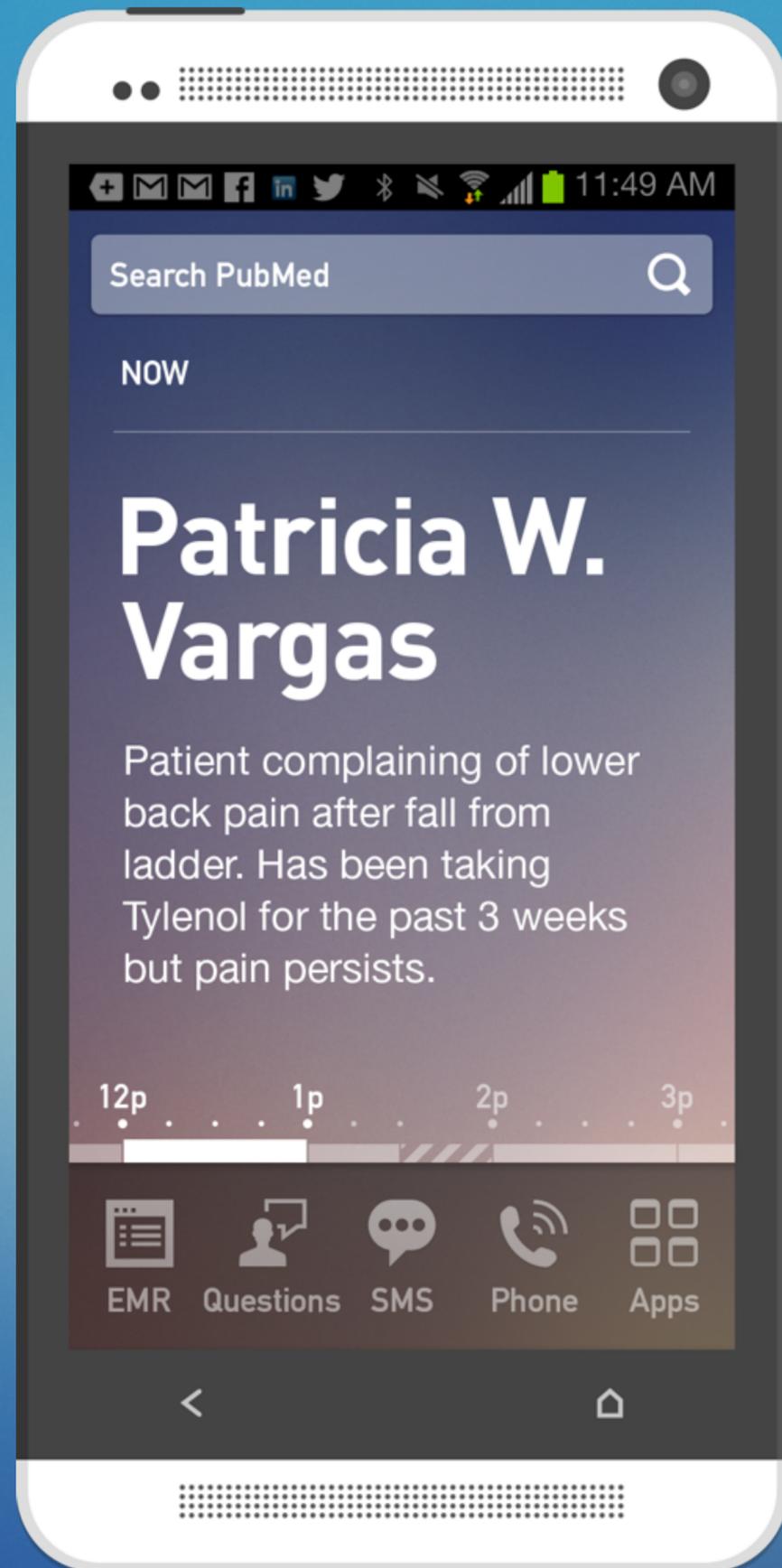


That makes roughly **212,000 potential users.** And that number is steadily growing.



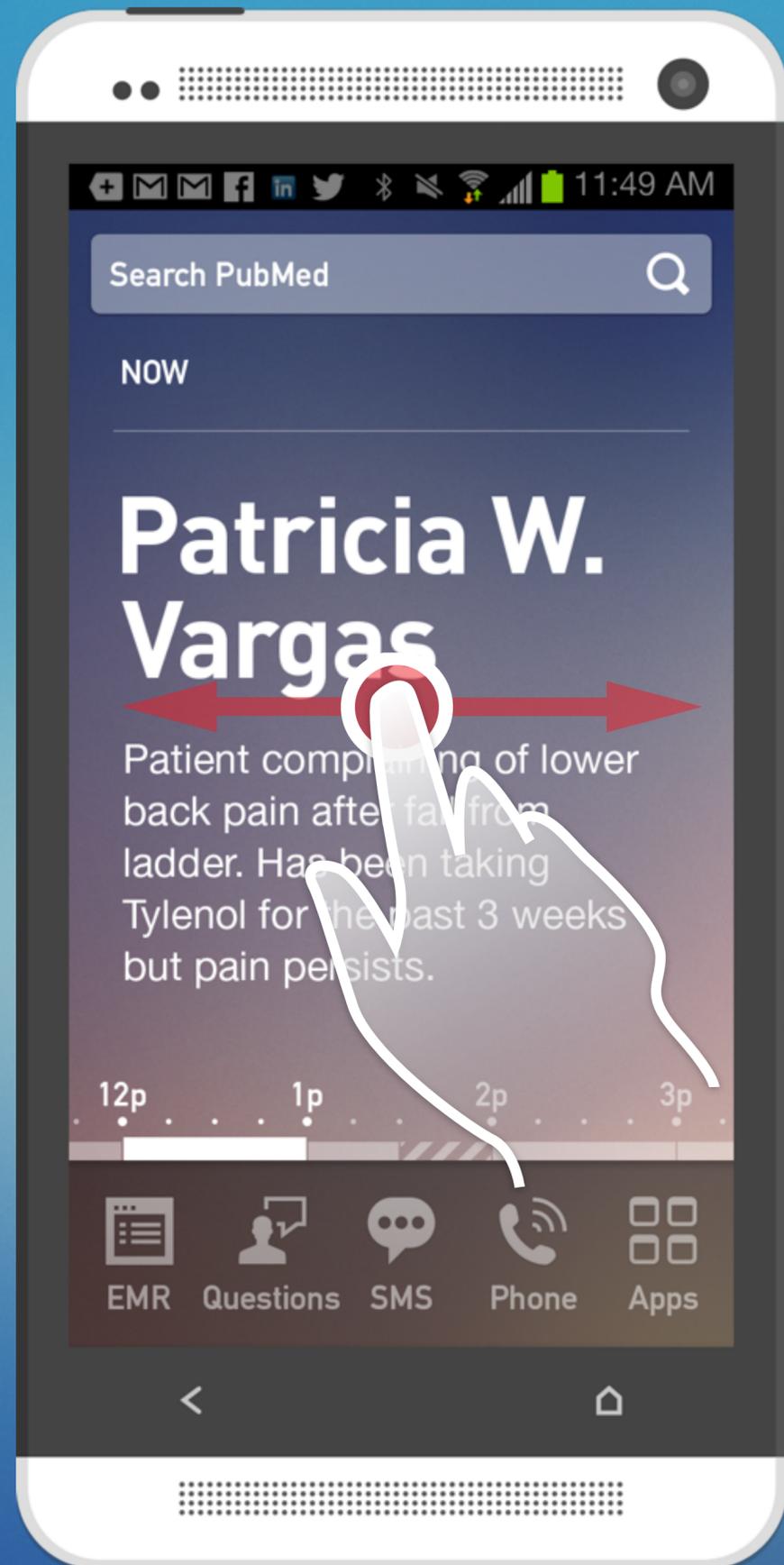
Product Walkthrough





# Home Screen

- A persistent PubMed search affordance is visible at the top of the screen
- The physician's schedule is visualized as a timeline on the home screen
- Frequently used applications are visible in the launcher tray
- Swipe left/right to view different blocks of time



1:00pm - 1:30pm

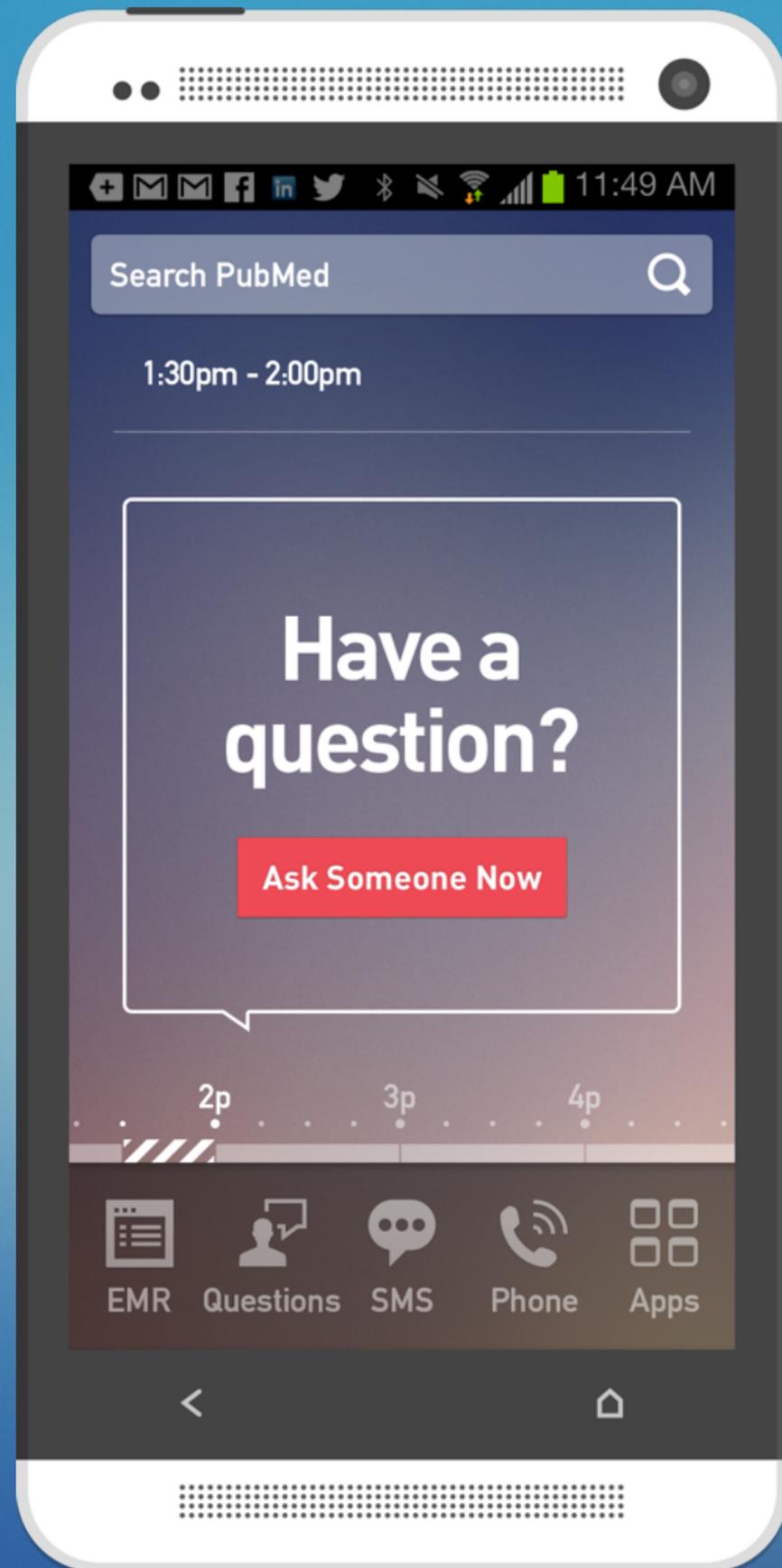
# Edward Whittaker

lorem ipsum dolor sit amet, consectetur adipiscing elit. Donec tristique malesuada vulputate. Nunc fringilla libero nec orci hendrerit, sed tempor turpis varius.

1:30pm - 2:00pm

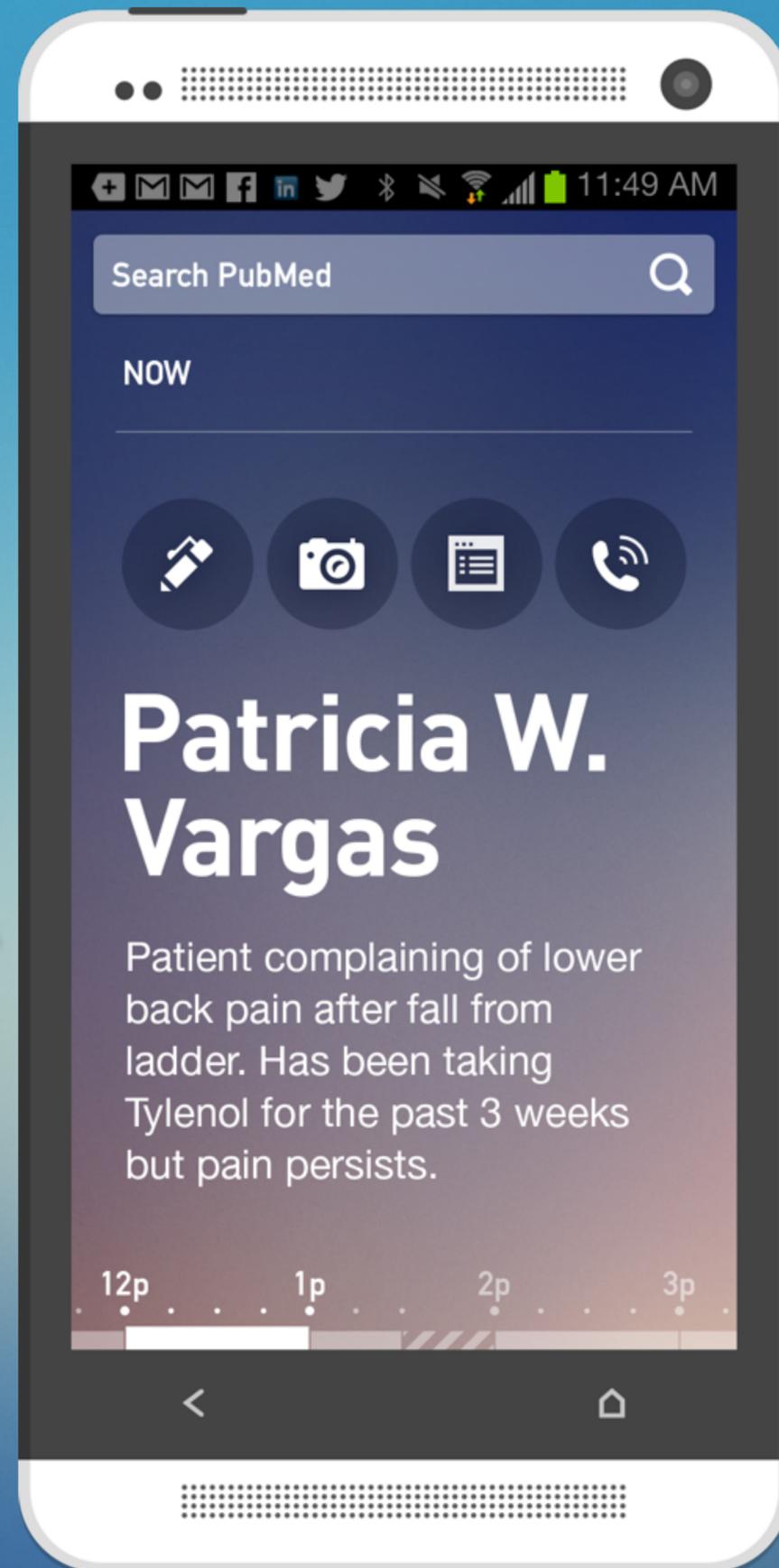
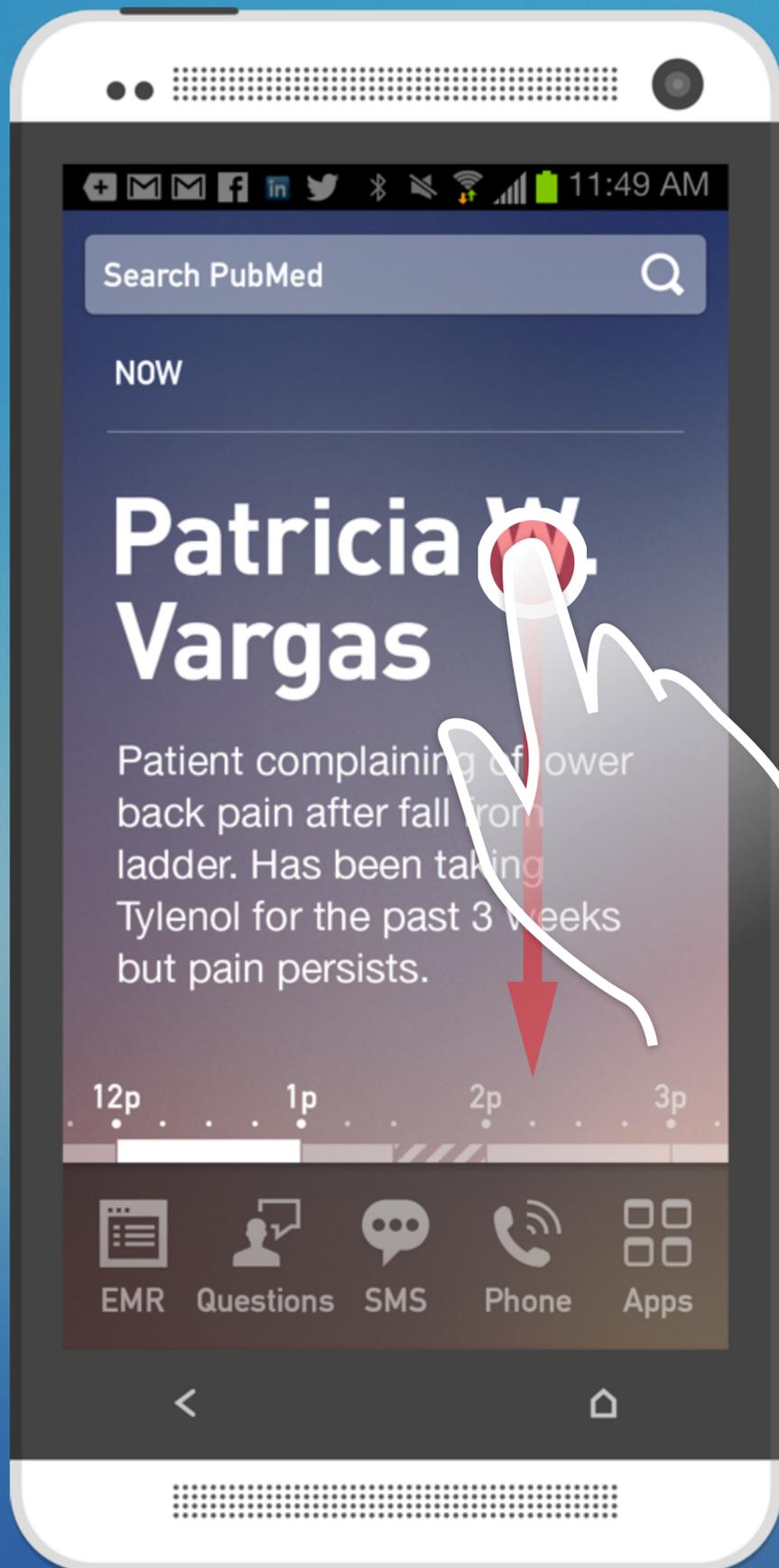
## Have a question?

[Ask Someone Now](#)



# Home Screen

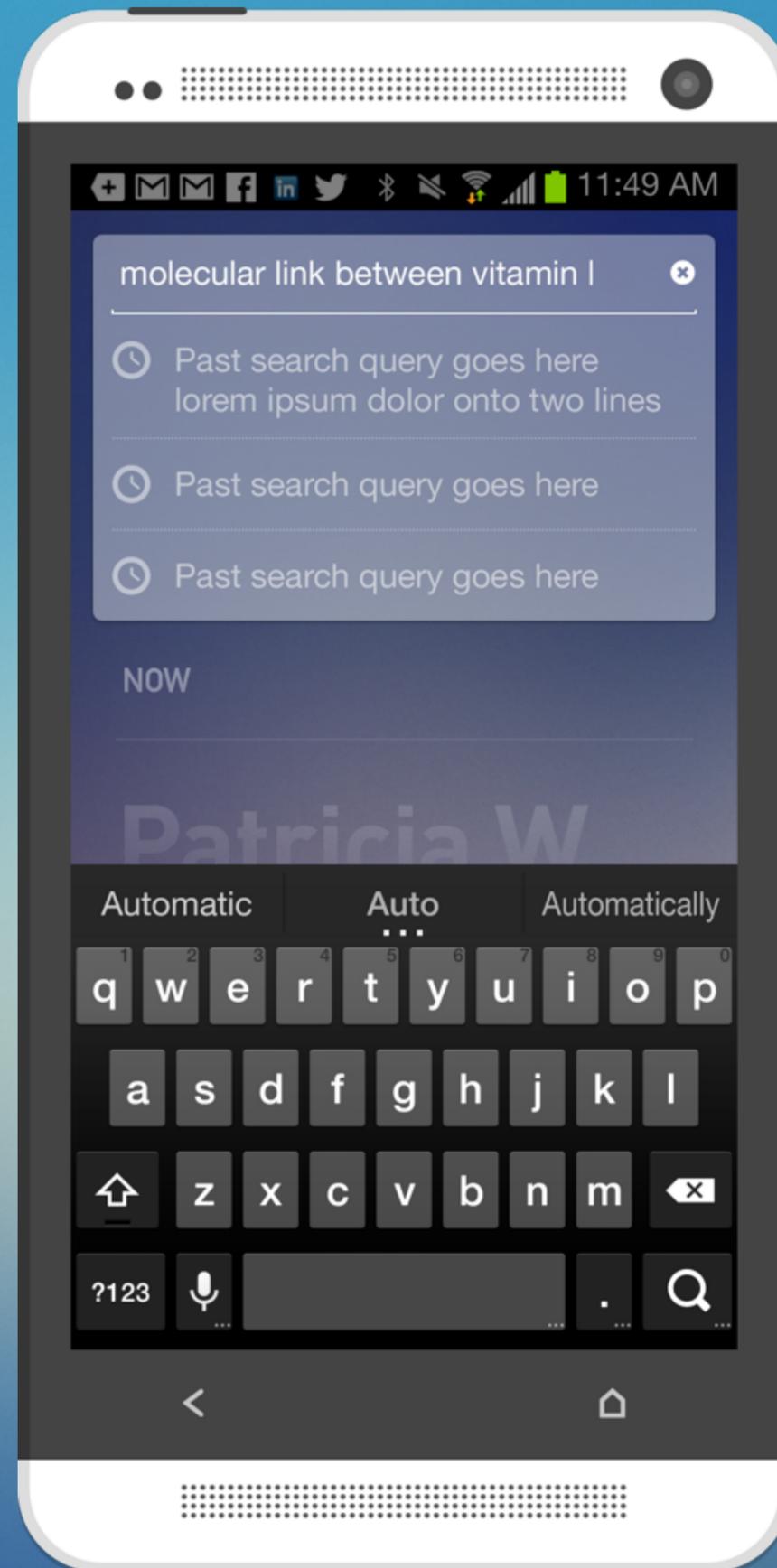
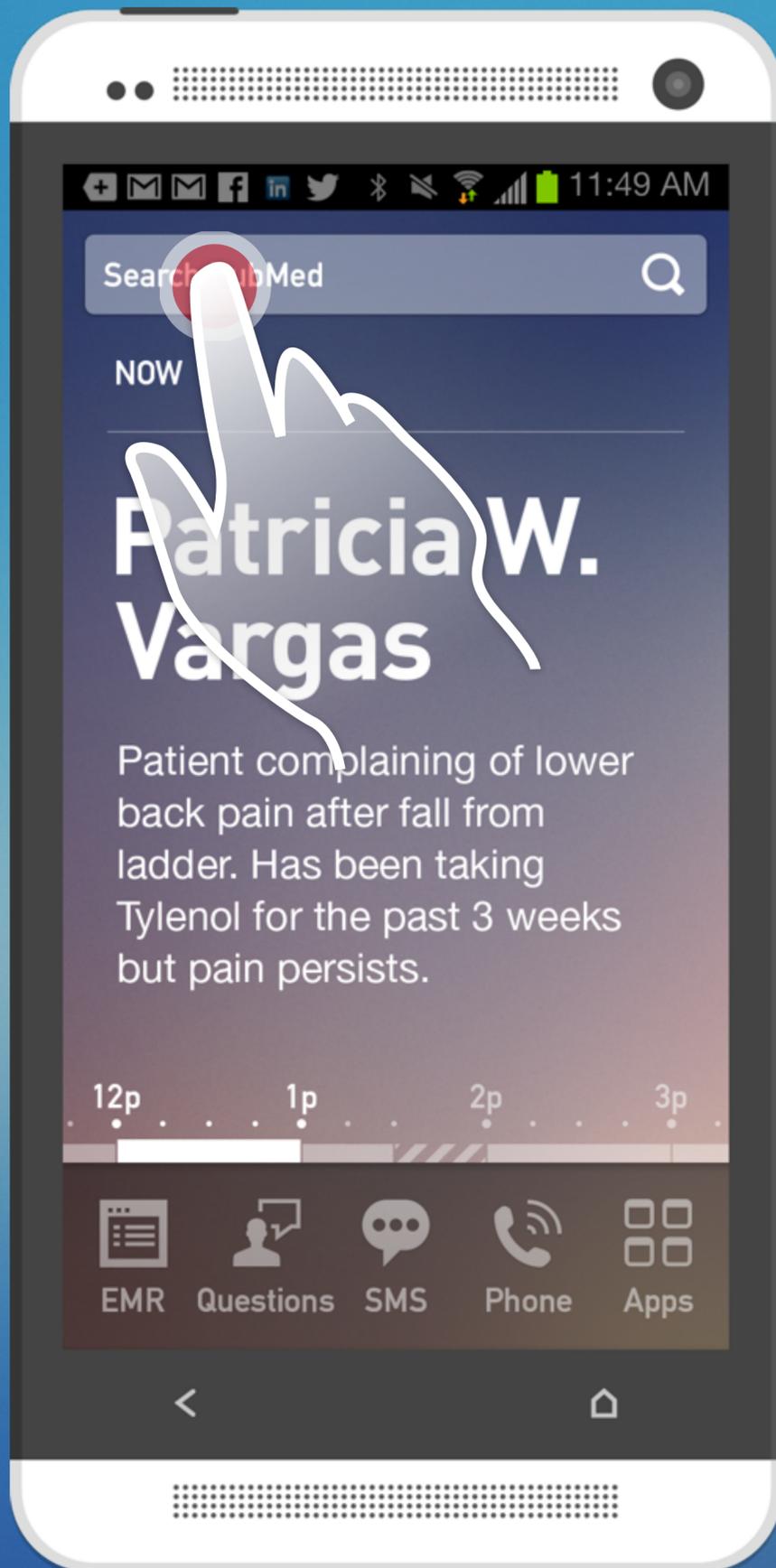
- Unscheduled time is represented with a CTA to engage colleagues with questions



# Contextual Actions

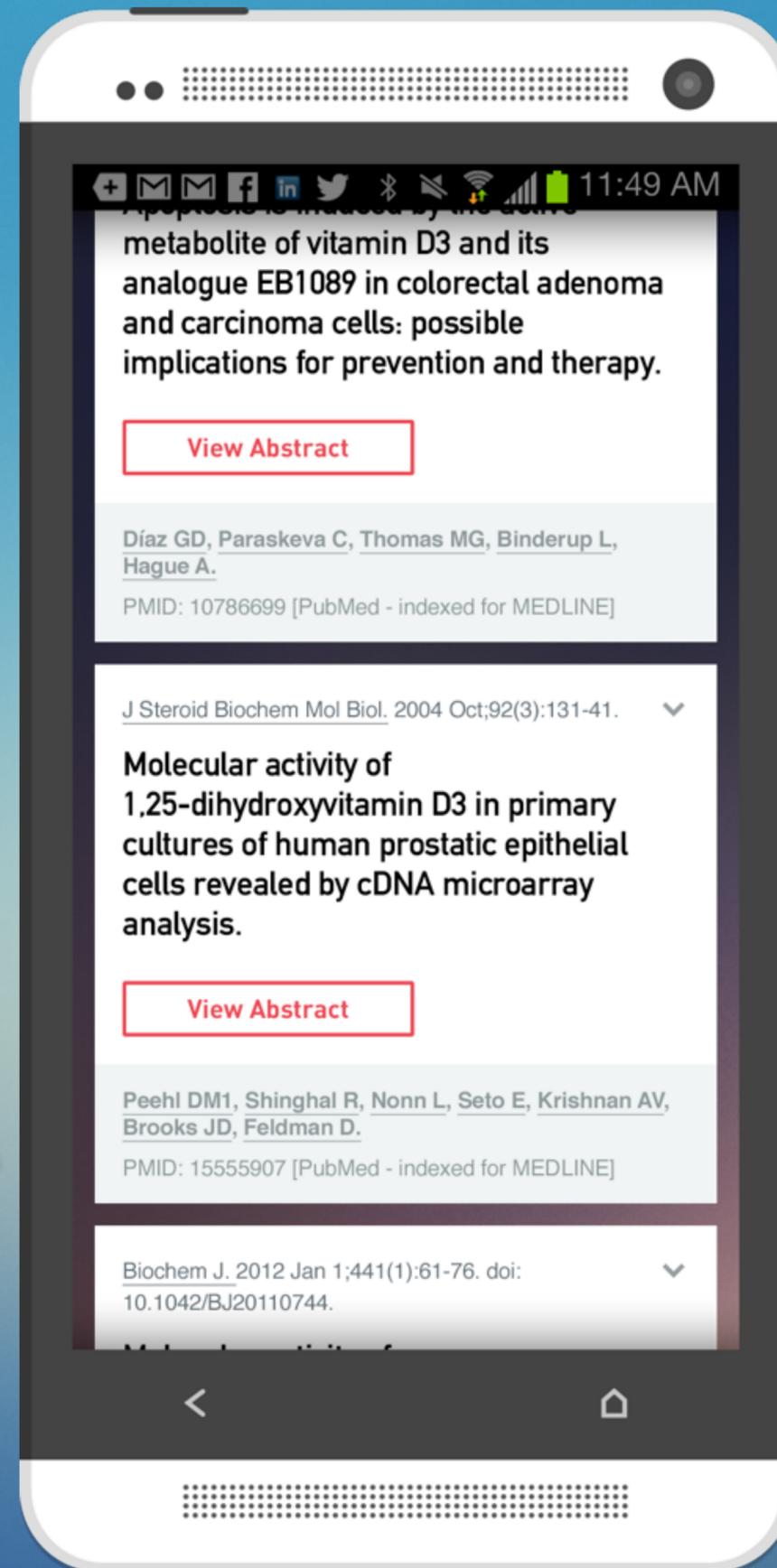
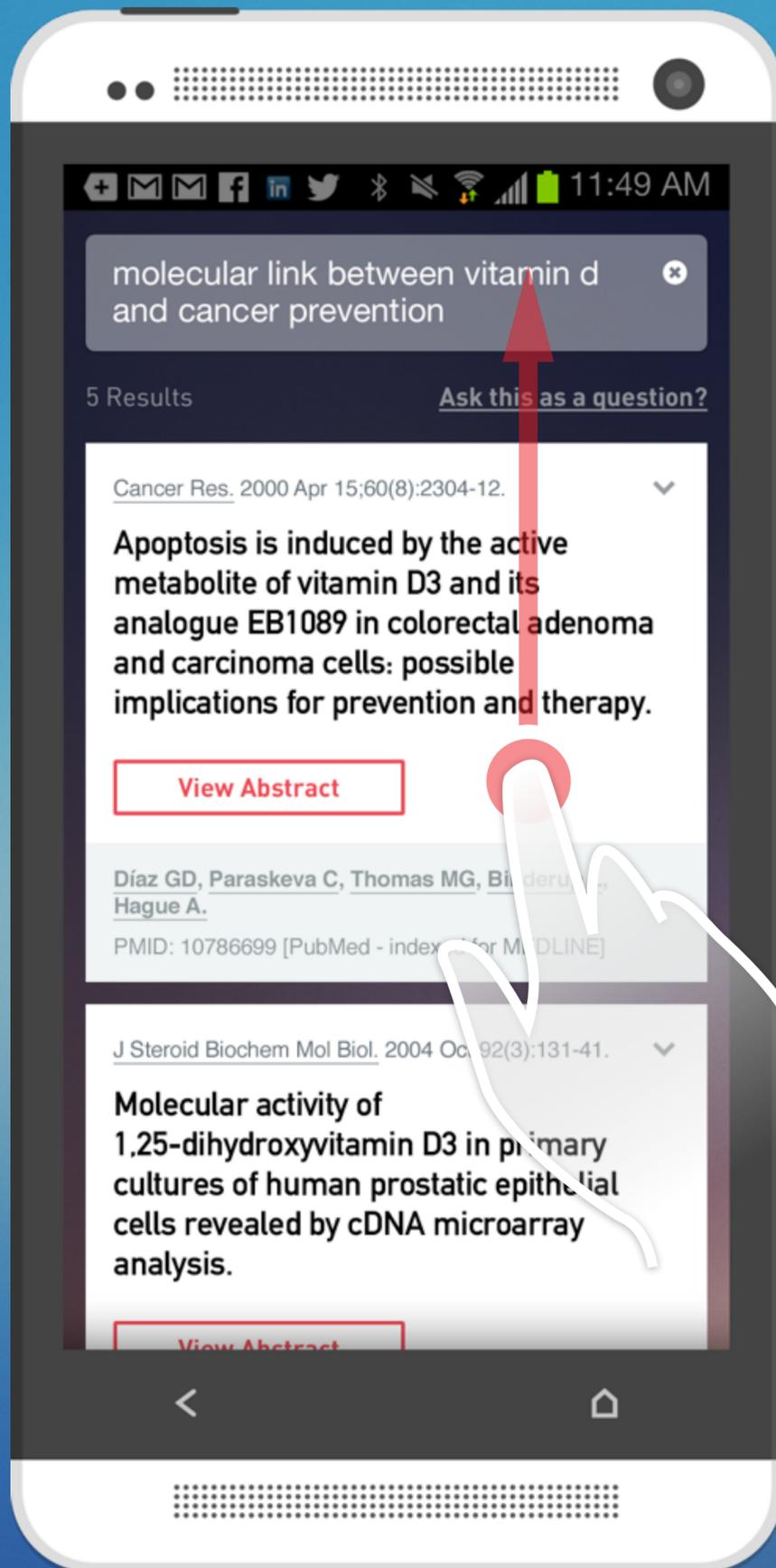
- Pulling down on the timeline view reveals contextual actions for that item
- Contextual actions for patients include: writing a note in their EMR file, taking a picture and saving it to their EMR file, opening their EMR file, and calling the patient





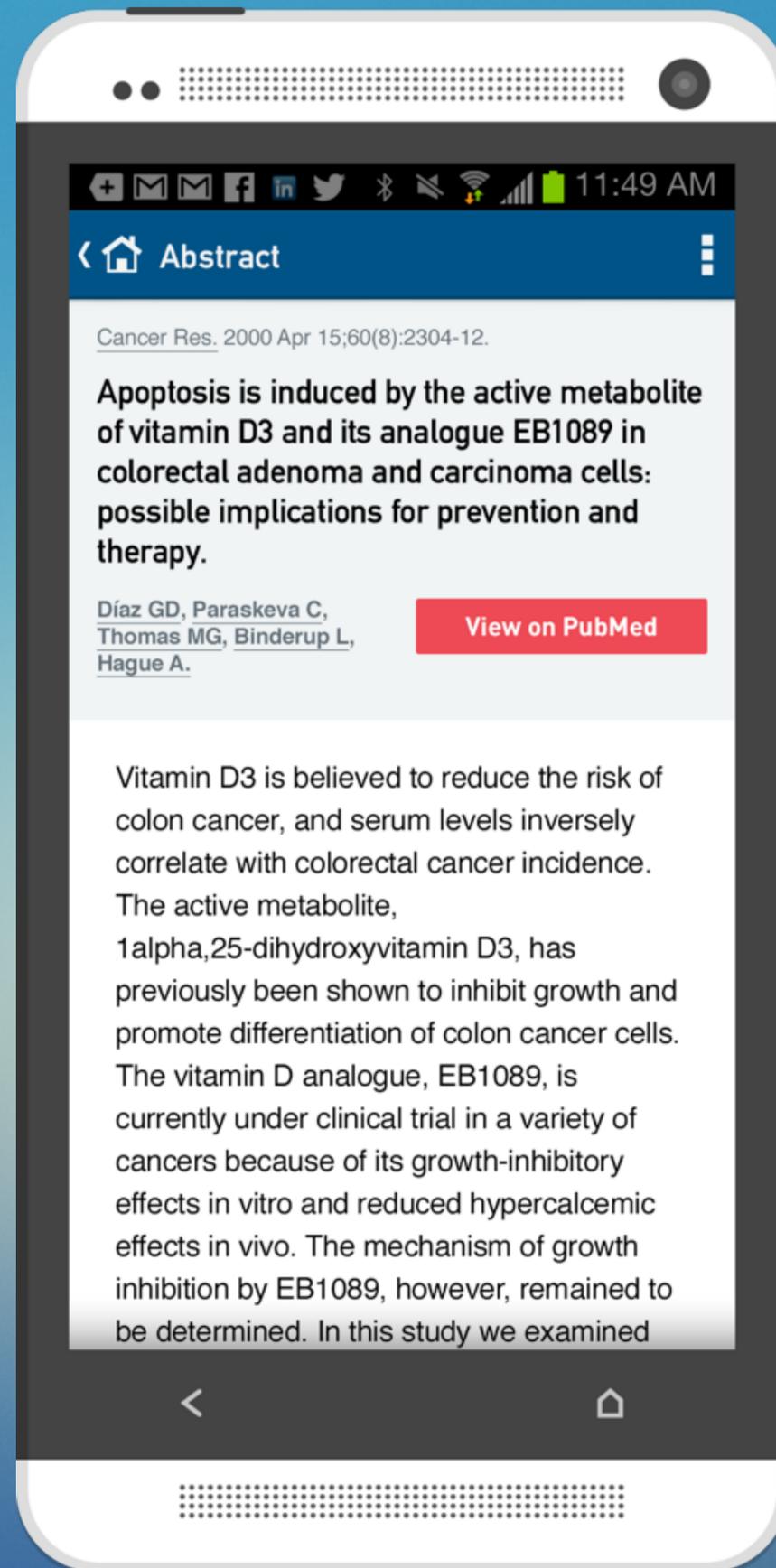
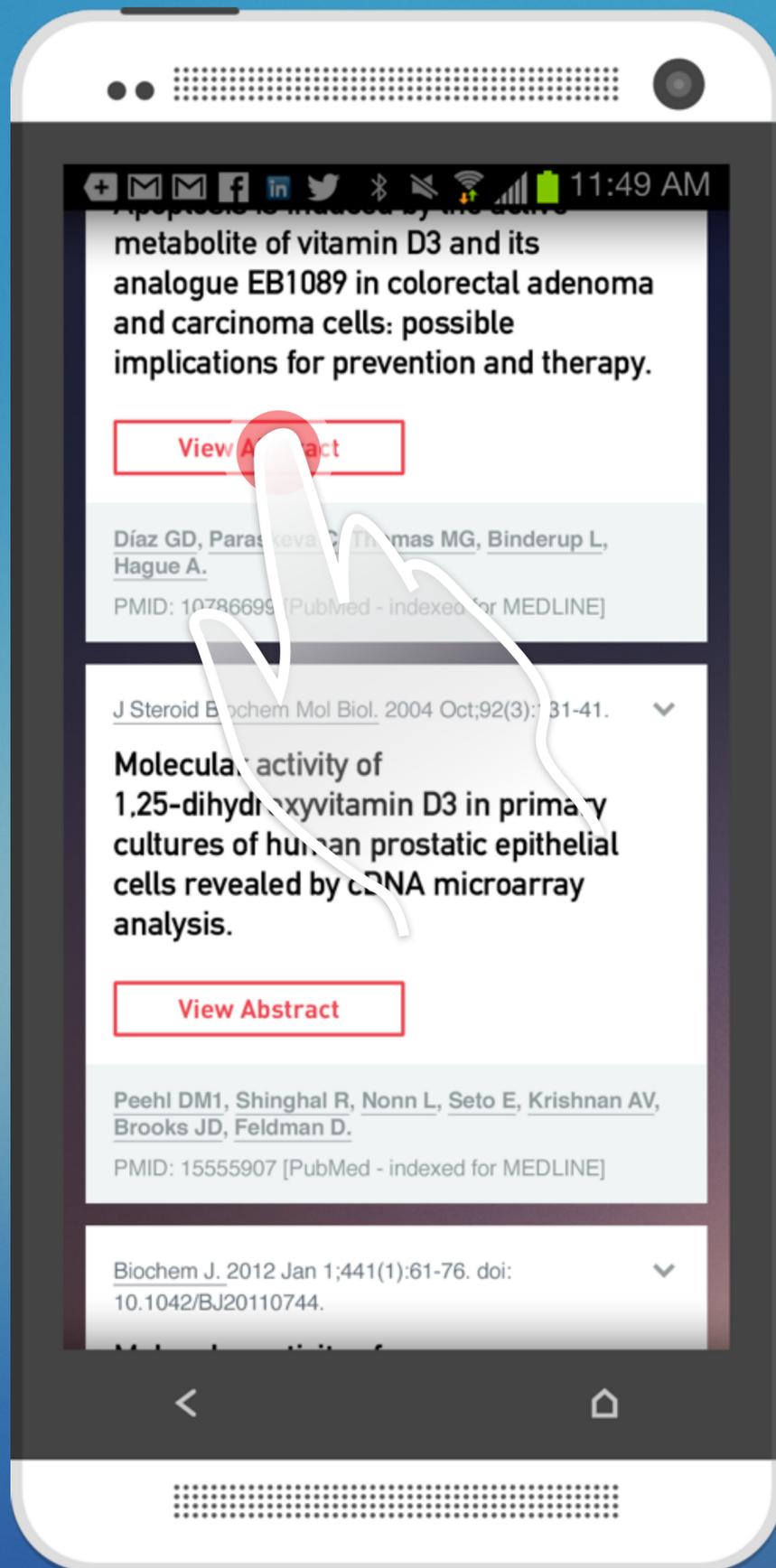
# Search

- Tapping into the search affordance opens the search input field
- Recent searches can be accessed in this view



# Search Results

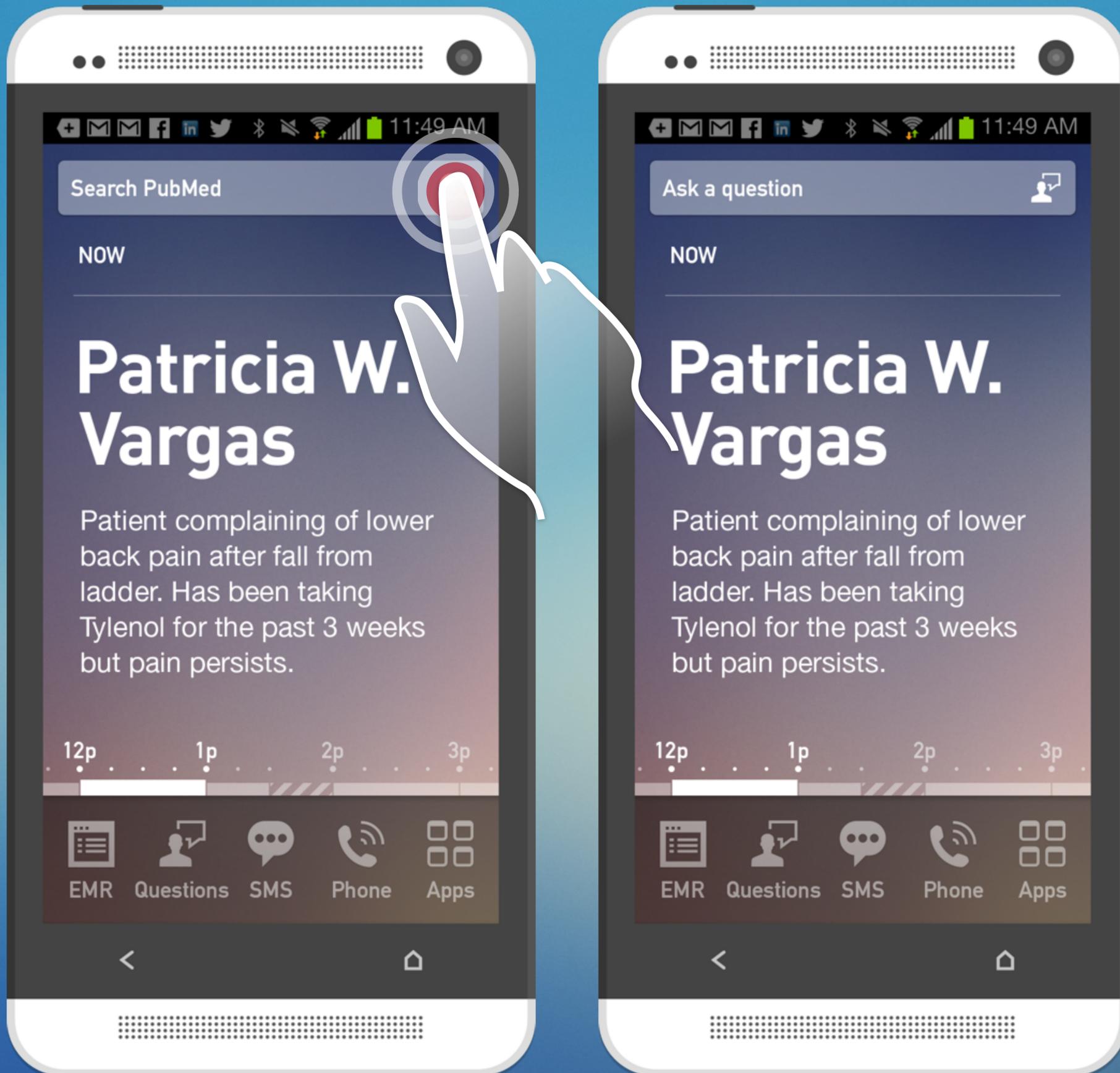
- Individual results are rendered as separate cards
- The phone can be returned to the previous state by tapping the back or home Android buttons



# PubMed Abstract

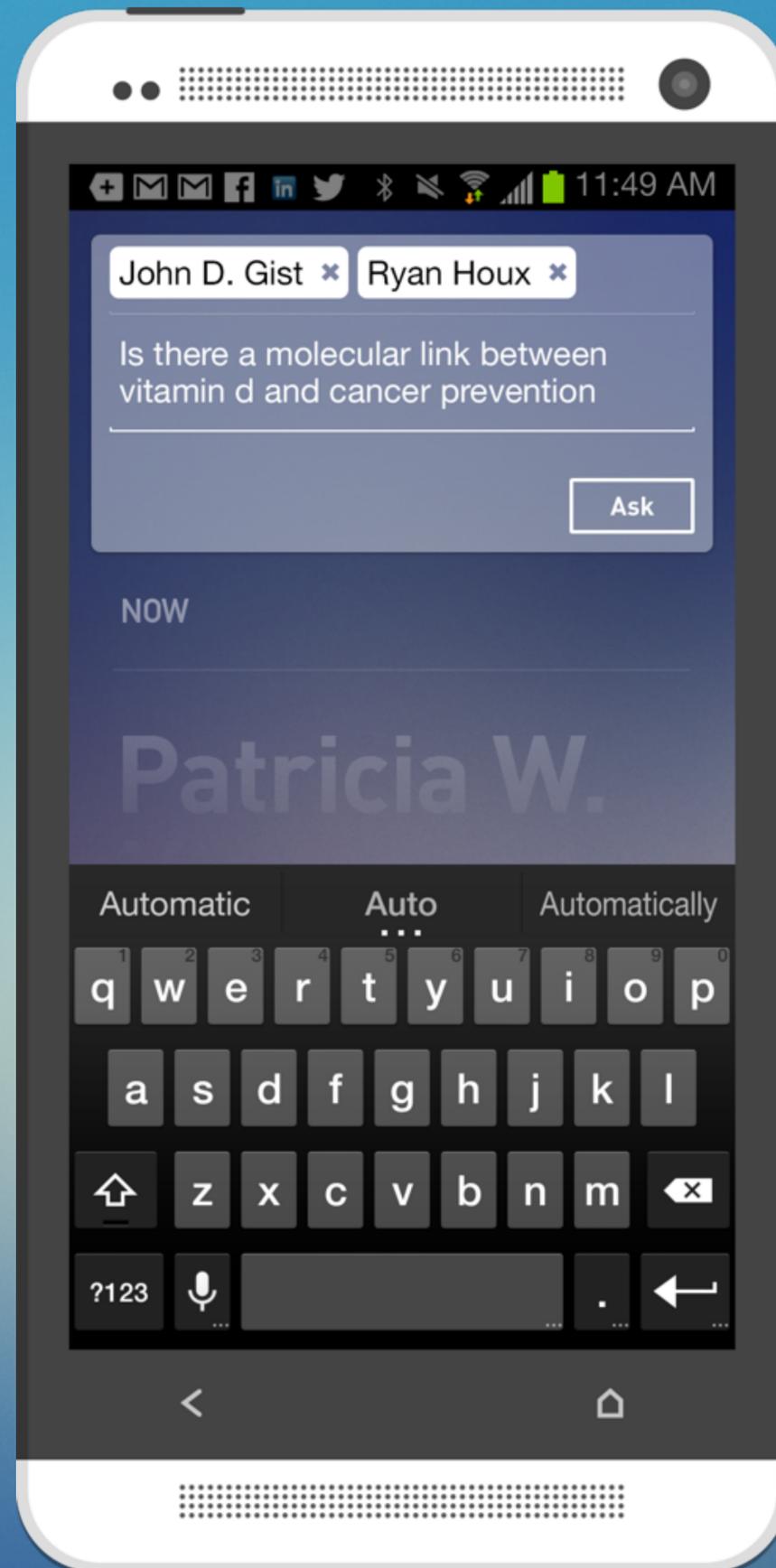
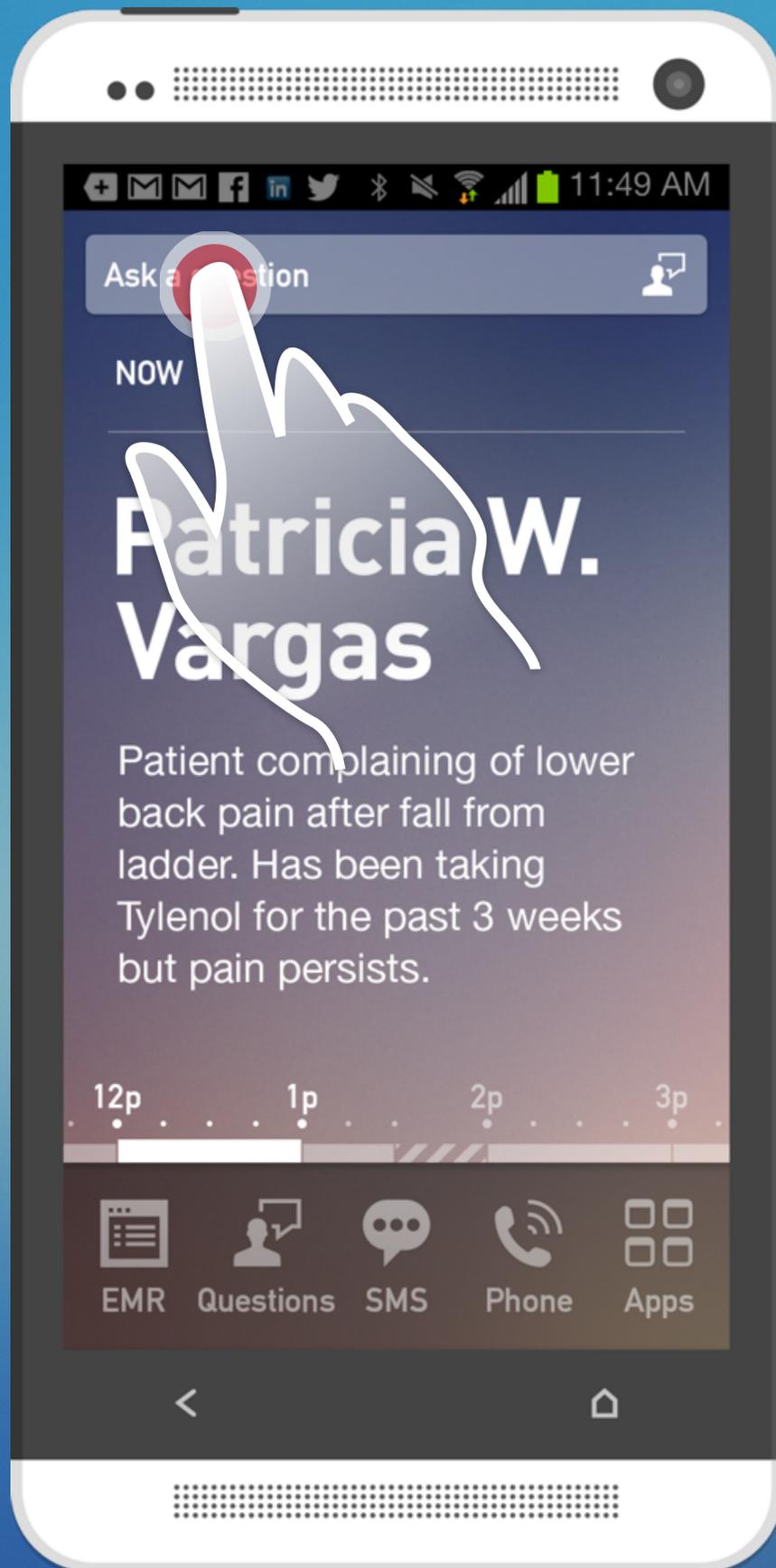
- All content and links are imported from PubMed
- Links to original content can be accessed here (which launch in a browser)
- Save to patient profile and share with colleague functionality can be accessed from the “more” actions button





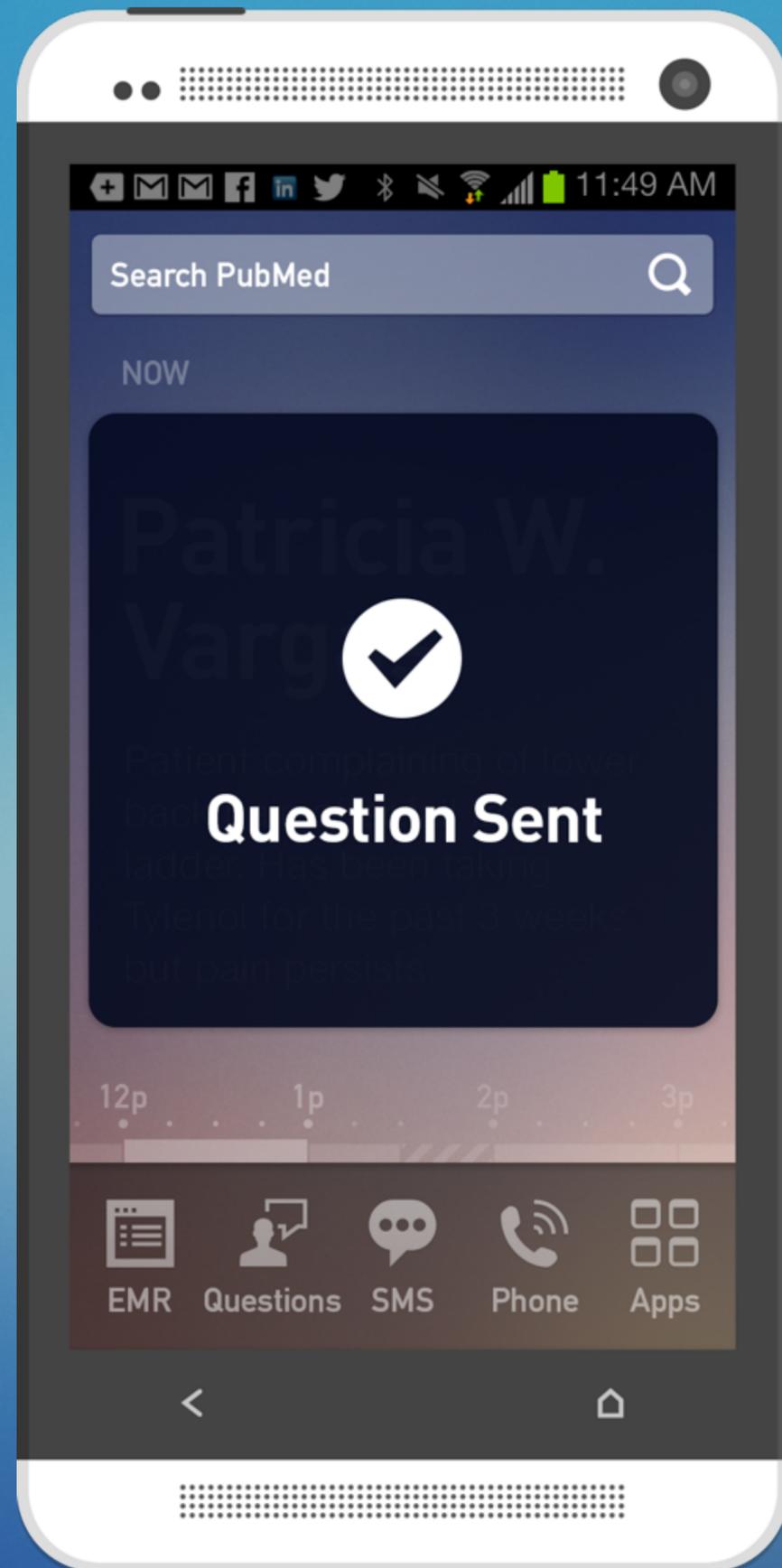
# Asking a Question

- Long-press the search icon and the input affordance switches to questions



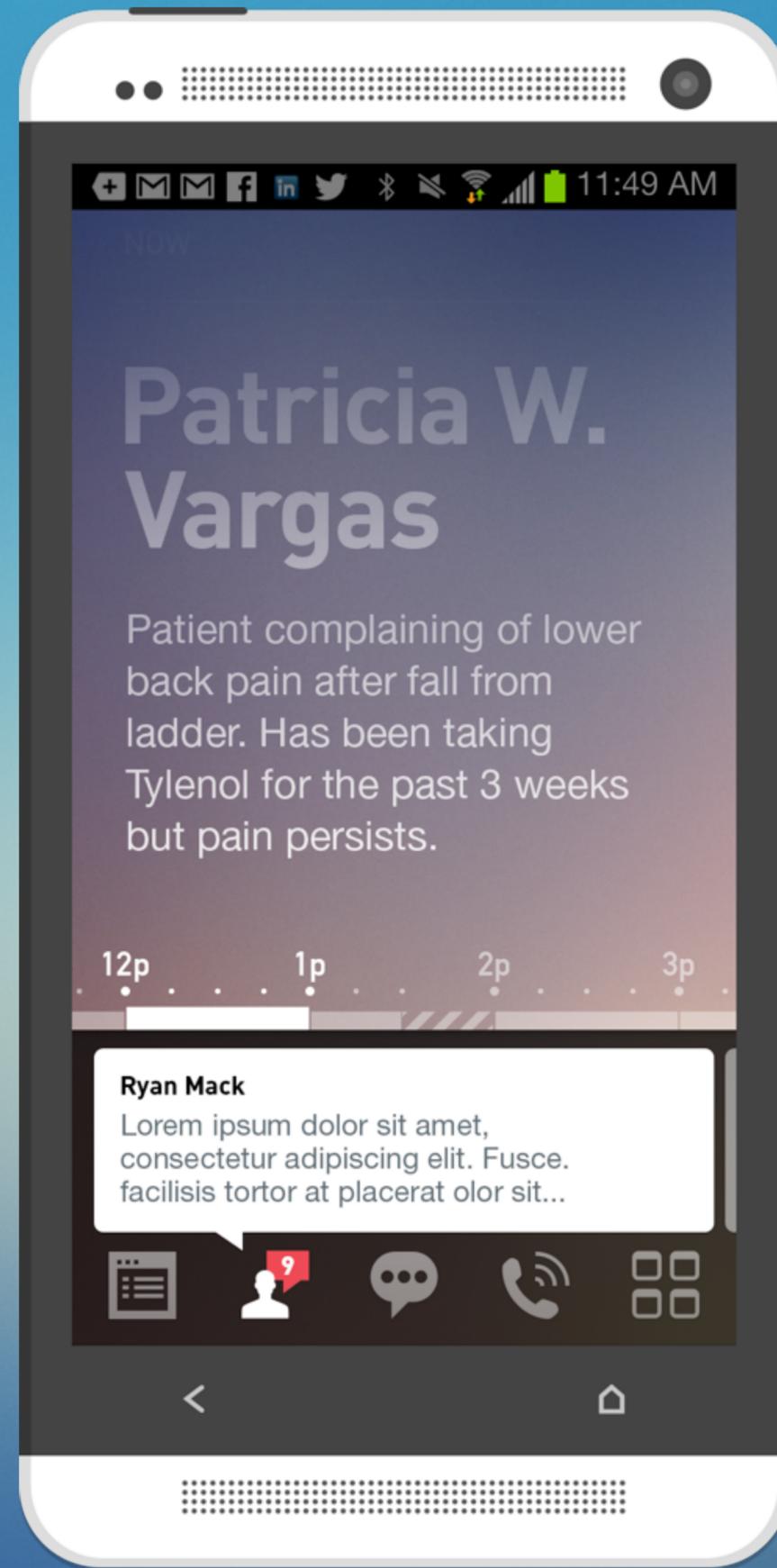
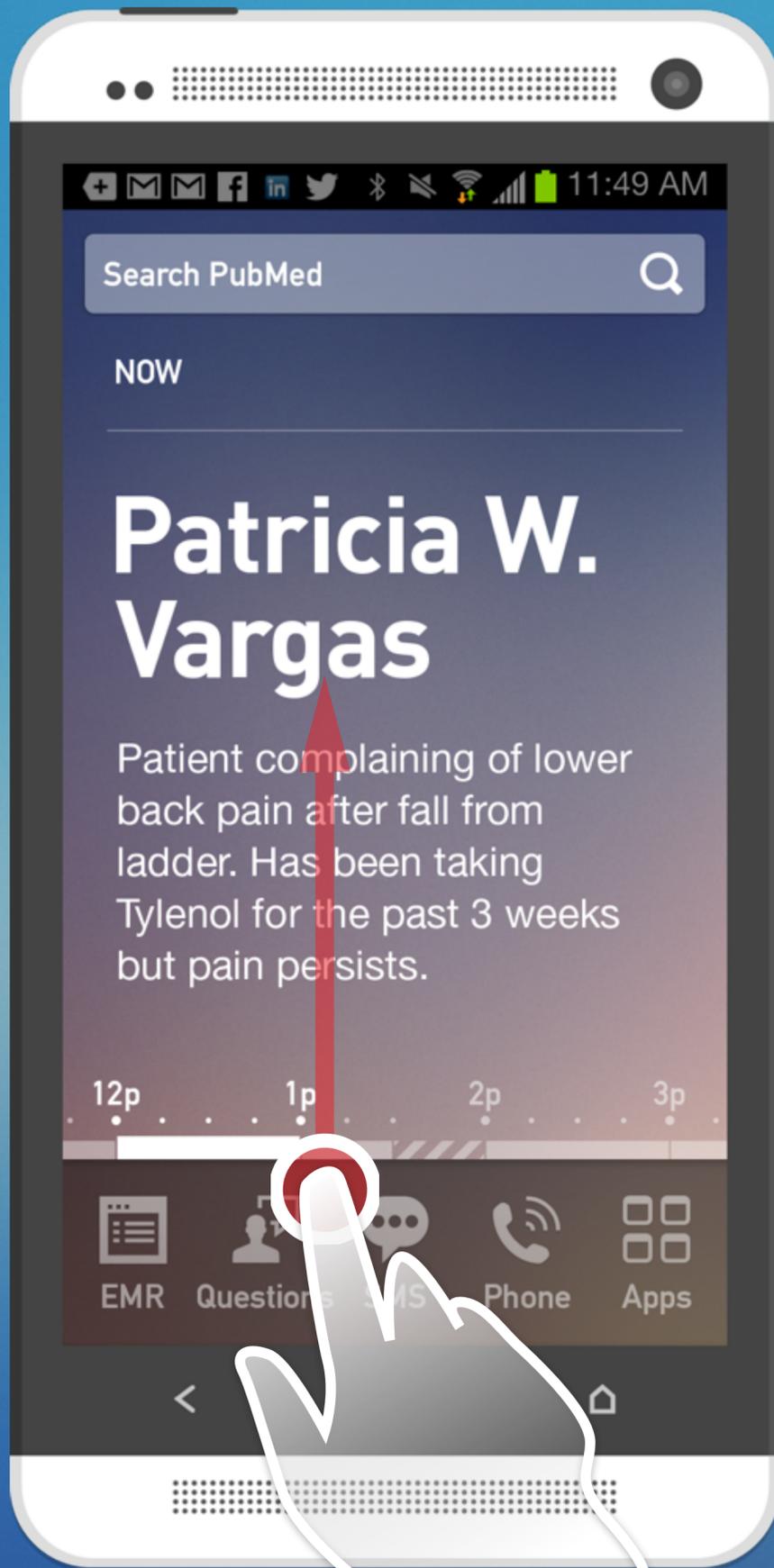
# Asking a Question

- Tapping into the question affordance opens the question form
- Contacts from the phone can be accessed here



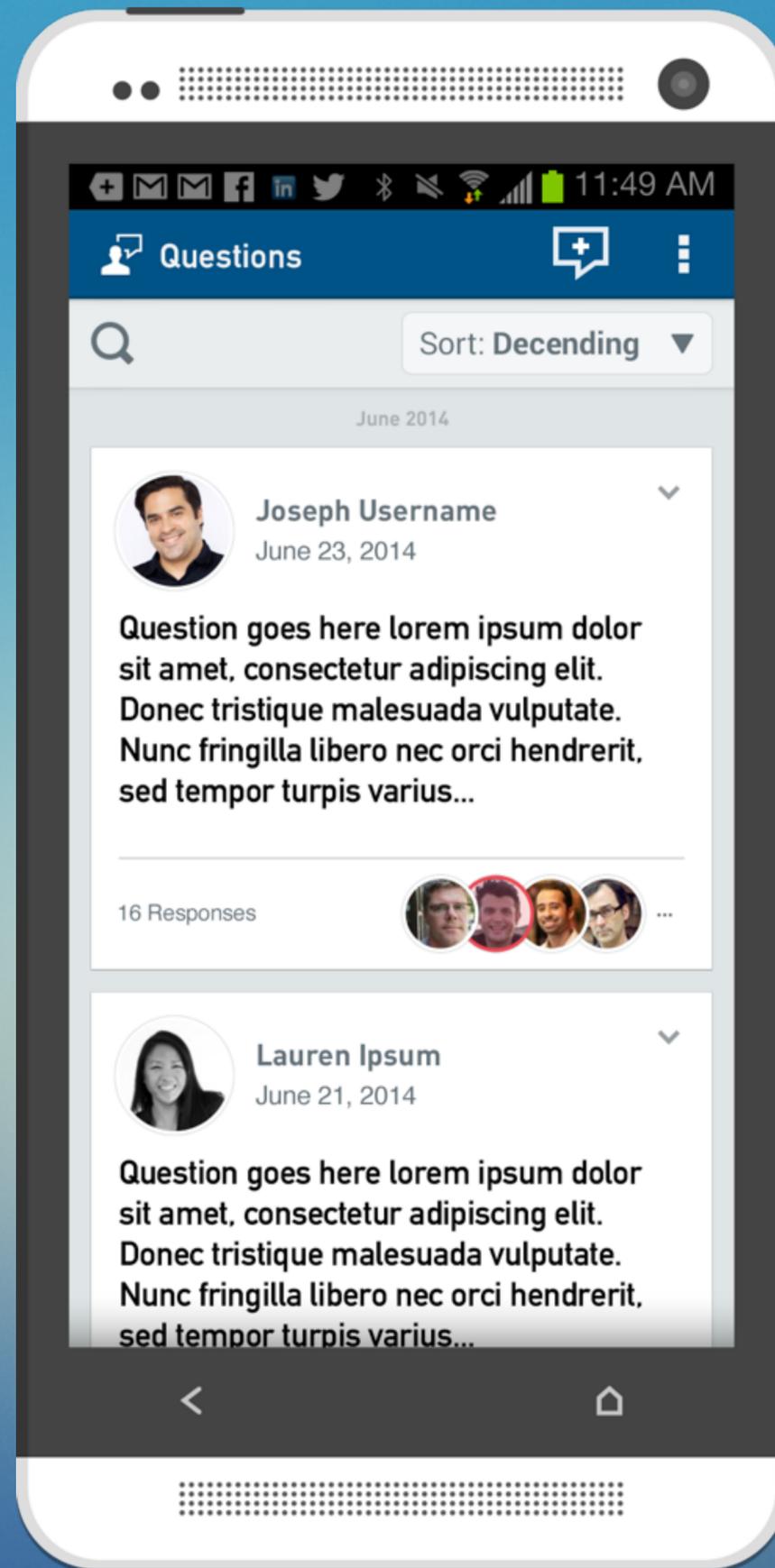
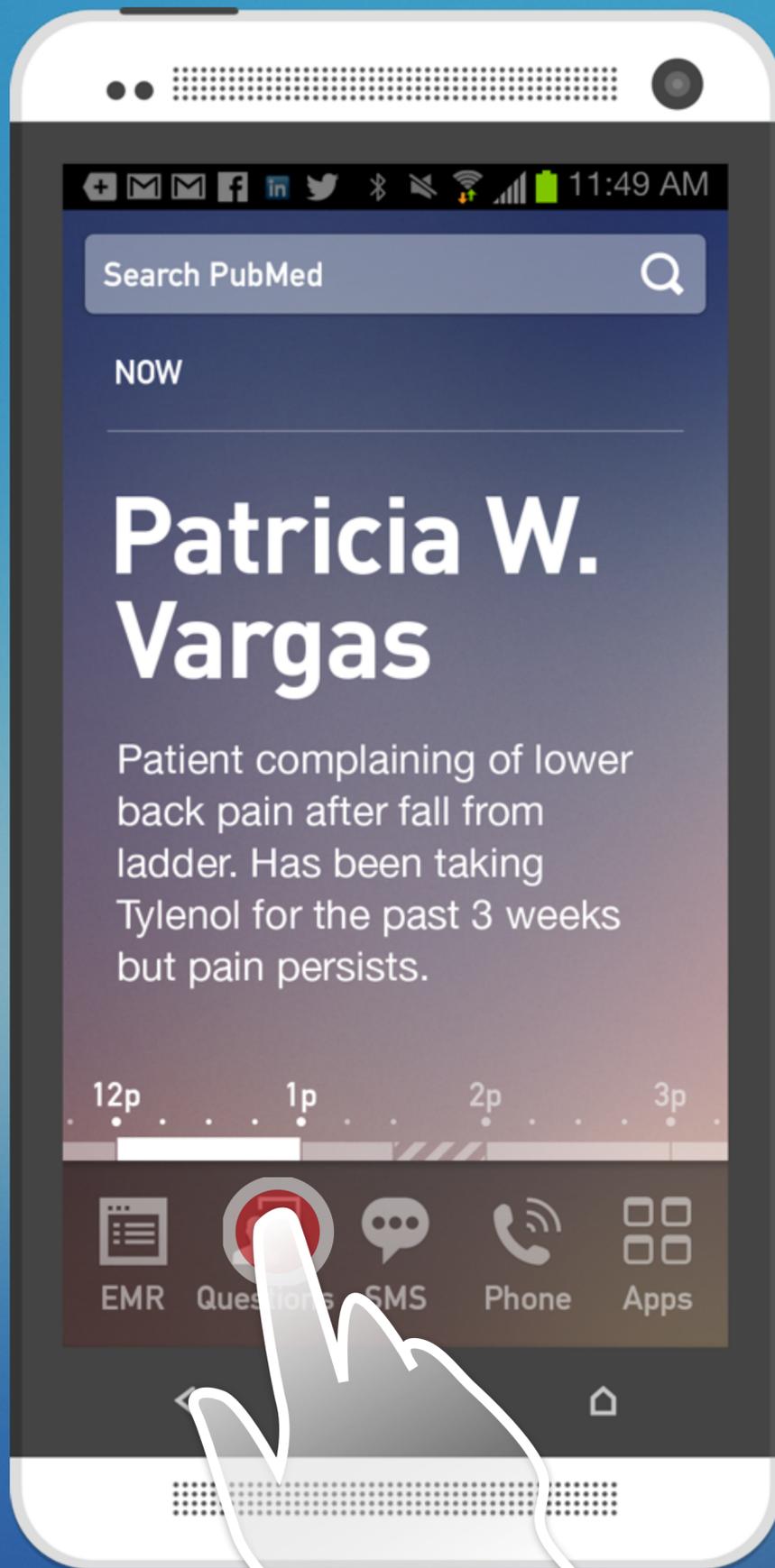
# Asking a Question

- Once the question is sent, the phone confirms the action and then returns to the home state



# Incoming Questions & Answers

- As questions from colleagues come in, they are momentarily shown in the launcher tray
- Recent questions and answers can be accessed at any time by pulling up on the home screen



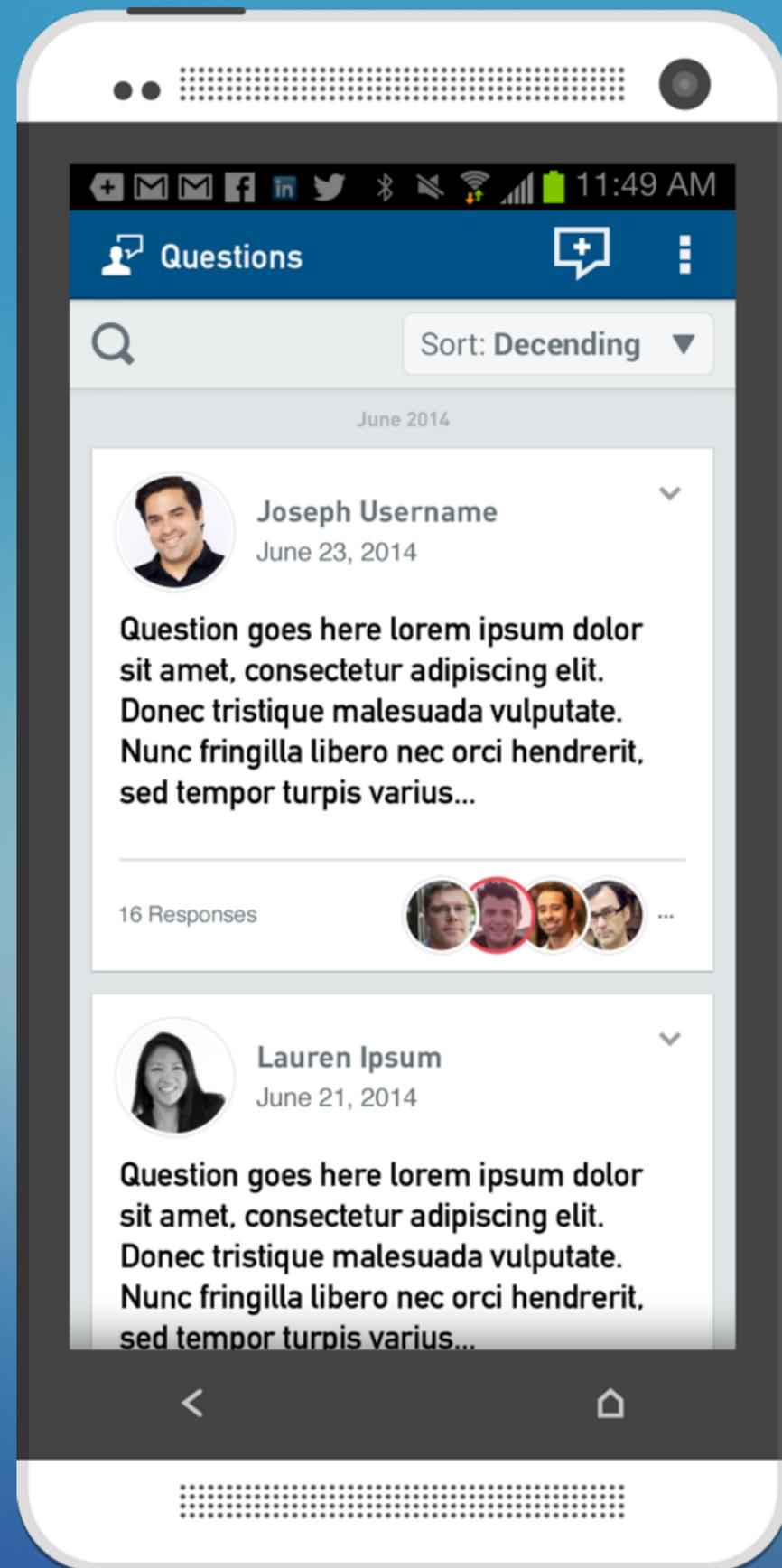
# Questions App

- Tapping the Questions icon will launch the questions application

# Questions App

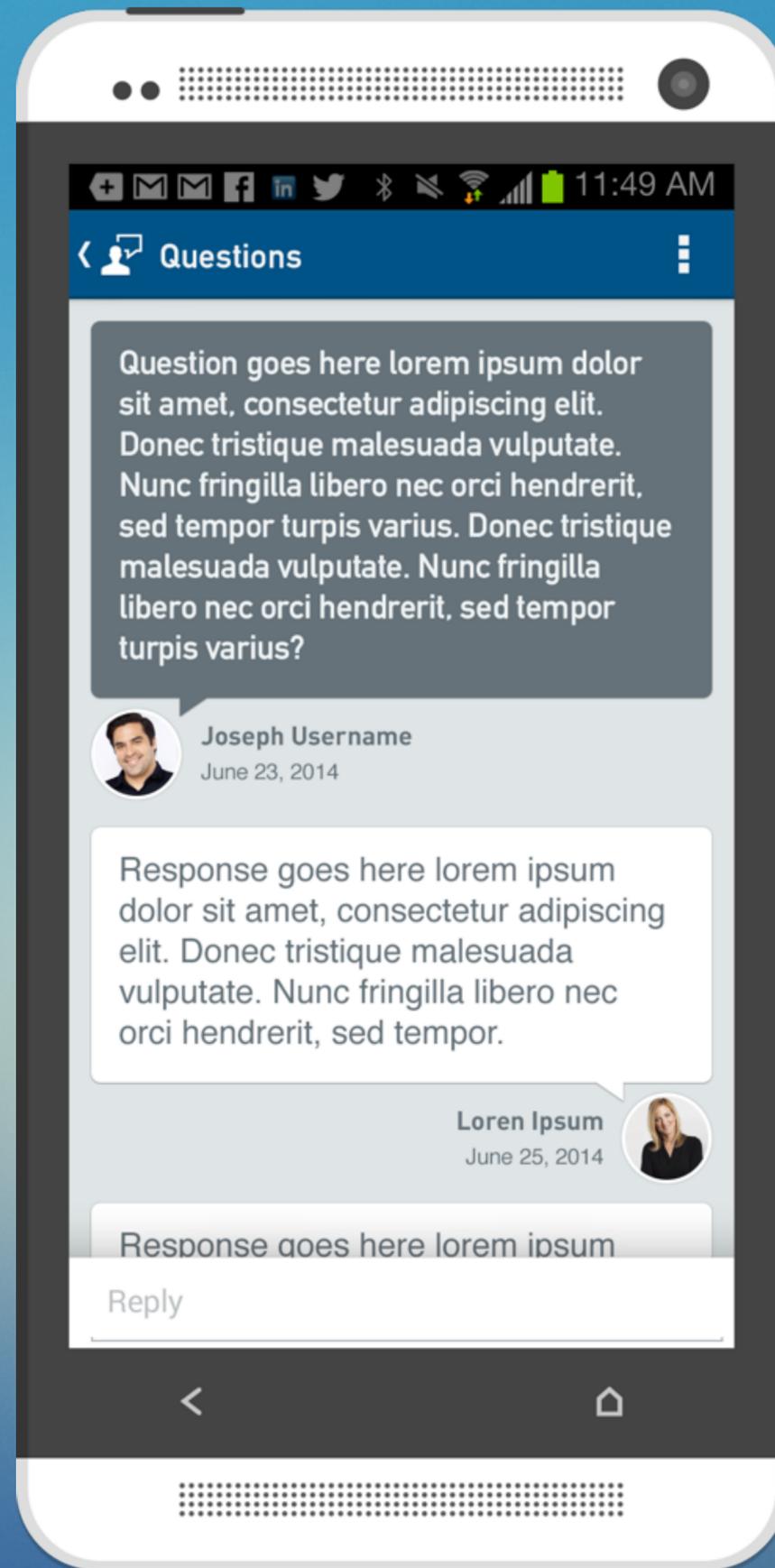
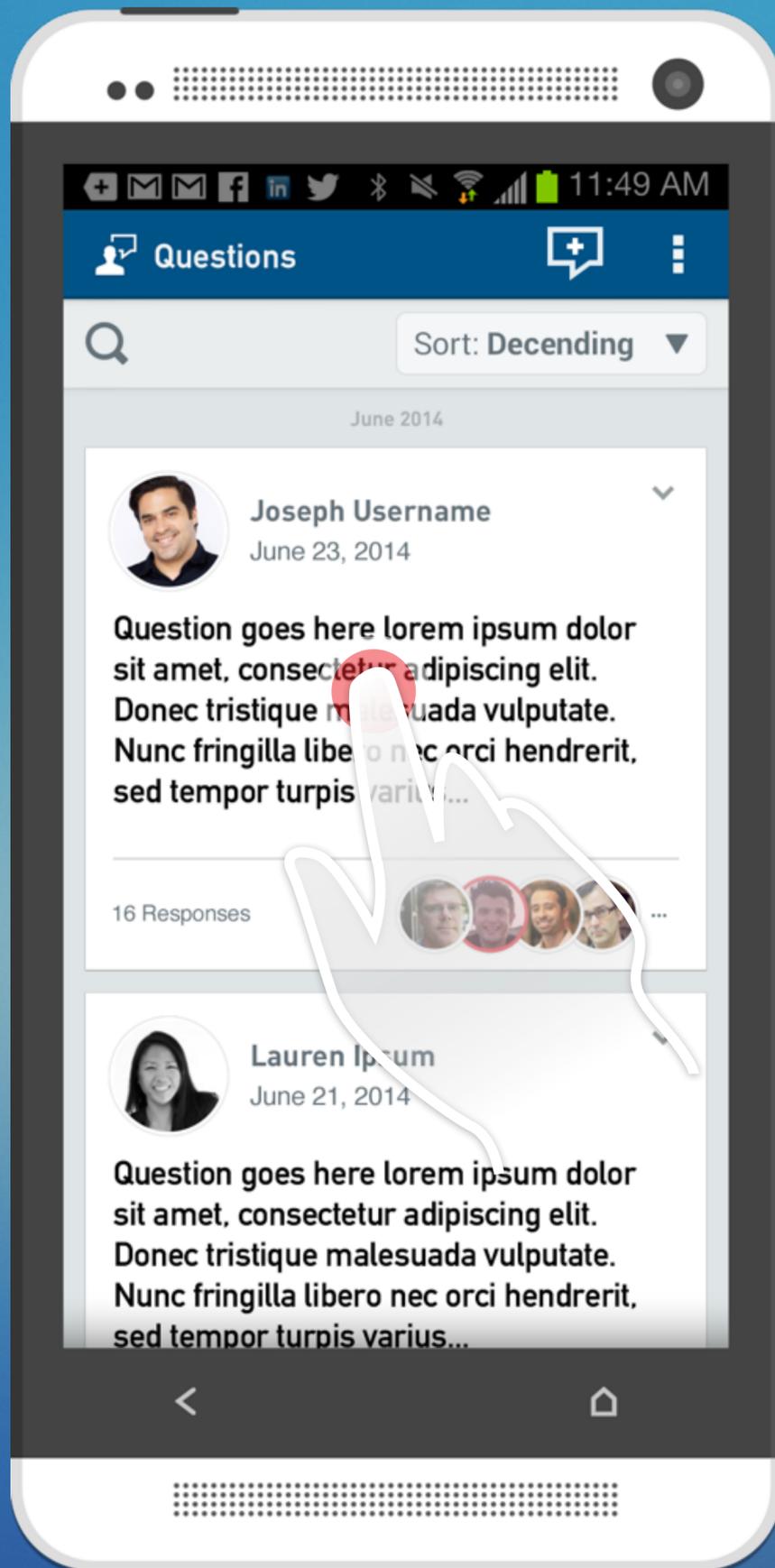
- Questions can be asked by tapping on the new question icon





# Questions App

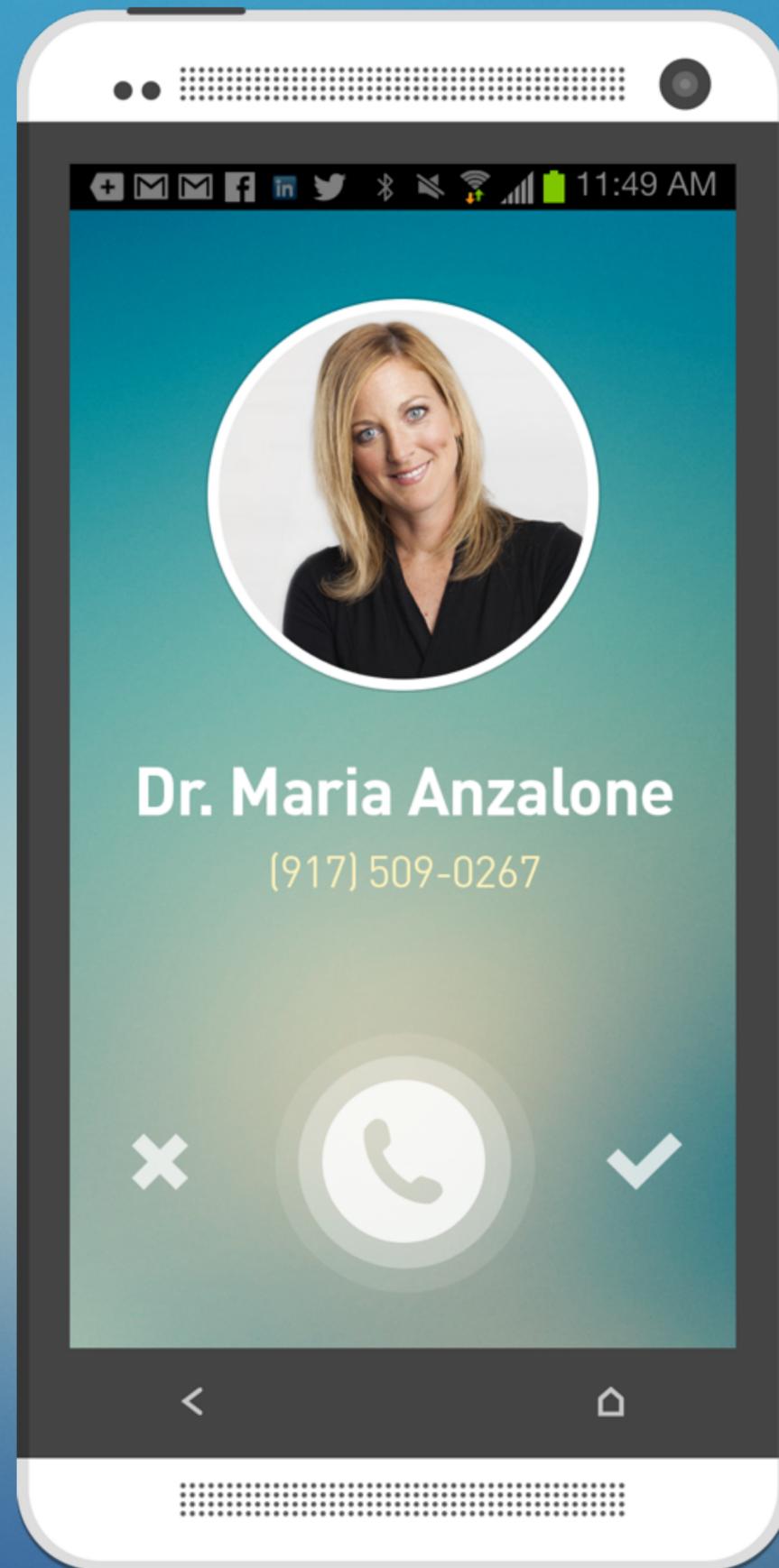
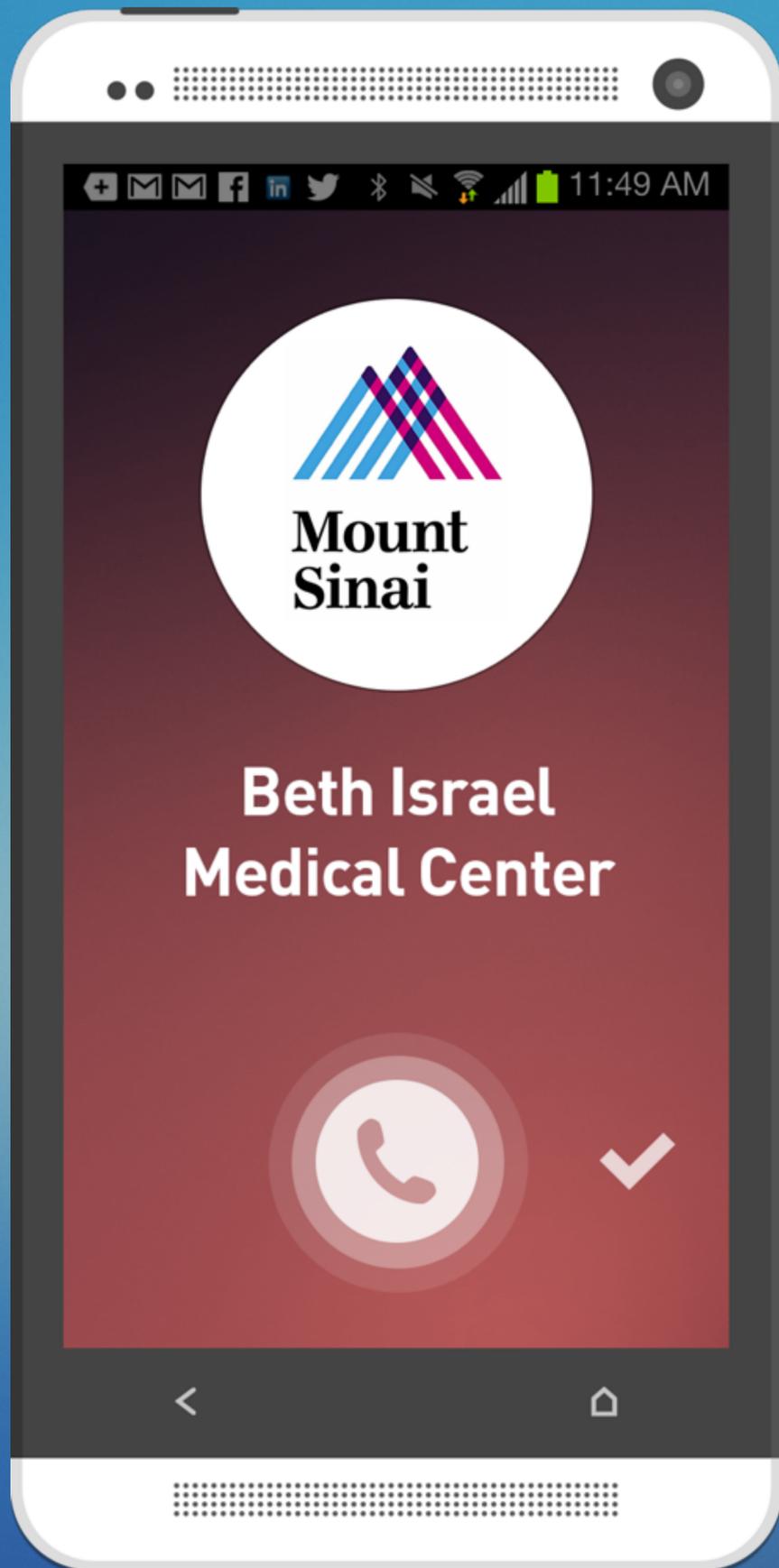
- The landing screen for the questions application consists of a feed of all questions that either the user or their colleagues have asked
- The question excerpt and responses are visible in this view



# Questions App

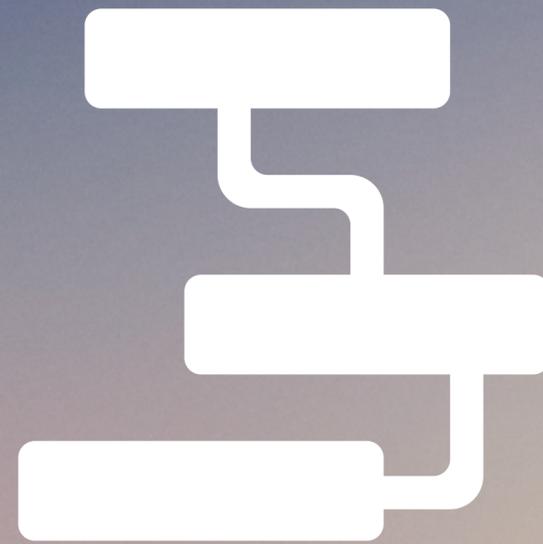
- Tapping a question will bring up the question and answer thread
- The entire record of the question is accessible in this view
- A persistent affordance for responding is visible locked to the bottom of the screen





# Incoming Calls

- Certain contacts can be marked either high, medium or low priority
- As a result, they will be treated differently when they call

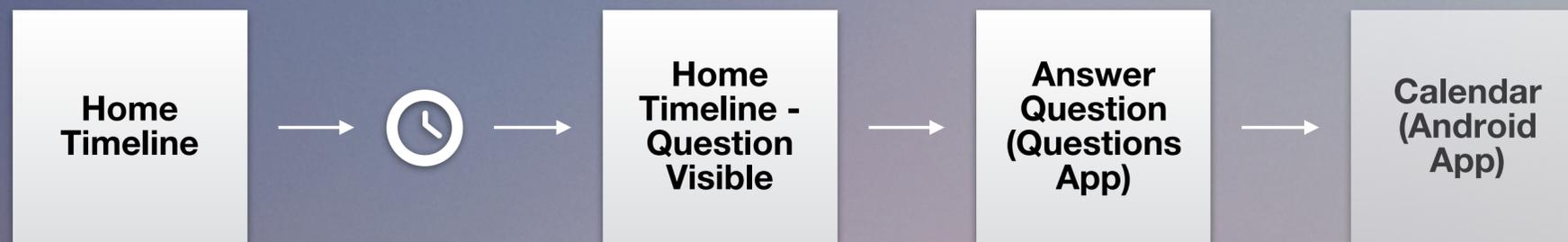


Key Scenarios

# Scenario 1: Staying Connected

User: GP Private Practice (Dr. Diaz)

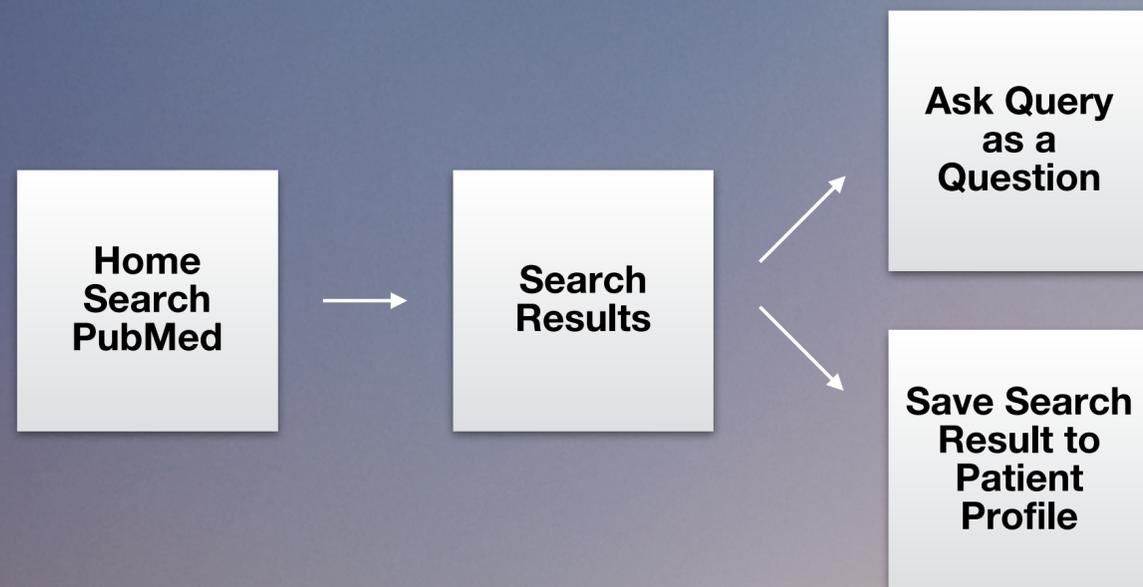
Dr. Diaz looks through his schedule to see where he has some free time today. He notices that later he's free and has a few questions waiting for him. Later on, when he is free, he chooses to ask and answer questions with his colleagues about a number of professional topics such as clinical treatments, topical news, CME, etc. One of the interactions he is prompted to send a calendar invite, which he does by leaving the MedOS app and launching the phone's calendar.



# Scenario 2: In-Situ with Patient

User: GP Group Practice (Dr. Wu)

Dr. Wu is diagnosing a patient when he's asked about a new experimental treatment. Dr. Wu has just read a journal article about this and decides to re-read the article to better understand his patient's options. Dr. Wu takes out his phone and begins searching PubMed for the article's abstract and link. He quickly finds the article in question and saves it to his patient's profile, right from the home screen. Alternately, if he doesn't see the search result he's looking for, he can choose to ask the query in the form of a question.



# Scenario 3: Call Screening

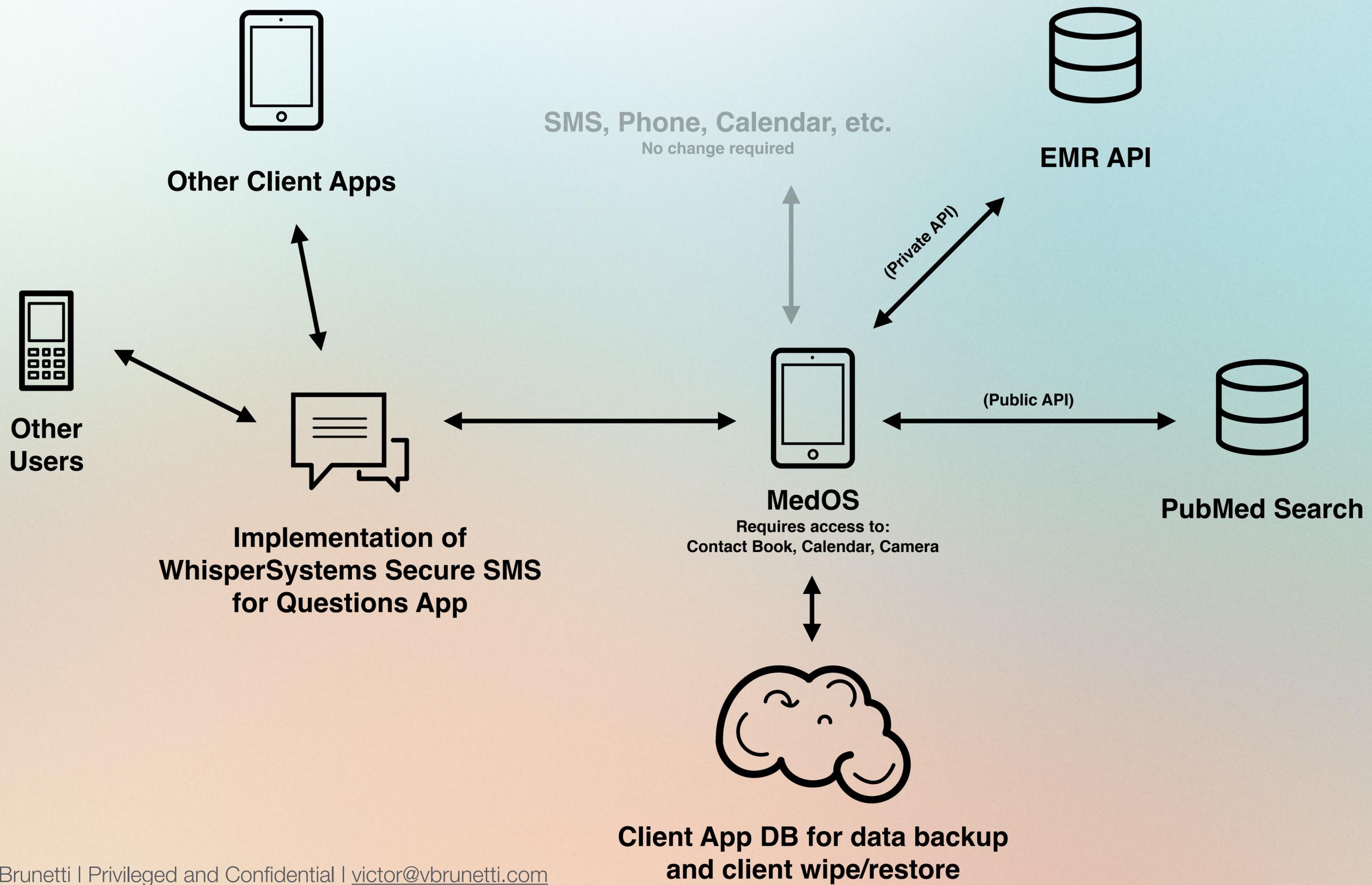
User: Hospital Group Physician (Dr. Veiga)

Dr. Veiga is relaxing at home after hours when she receives a call from a trusted colleague. Since she's at home, she responds with a text message asking if it's urgent. Her colleague responds back that it's not and they decide to talk tomorrow. Moments later she receives a call from her hospital's trauma center. Since this contact is marked as a priority emergency contact, it's treated differently with no way to reject the call. She answers it and realizes that she's needed at the hospital.





API, Data and Server Needs



Search PubMed



NOW

# Patricia W. Vargas

Patient complaining of lower back pain after fall from ladder. Has been taking Tylenol for the past 3 weeks but pain persists.

12p

1p

2p

3p



EMR



Questions



SMS



Phone



Apps

# Thank You

Victor J. Brunetti  
[www.vbrunetti.com](http://www.vbrunetti.com)  
[victor@vbrunetti.com](mailto:victor@vbrunetti.com)



# Appendix

# What is an Android launcher?

Launchers are responsible for launching applications, and displaying information on the home and lock screens. They exist at the lowest level of the visible operating system.



HTC Blinkfeed



Samsung Touchwhiz



Motorola Droid



Google

# What is an Android launcher?

