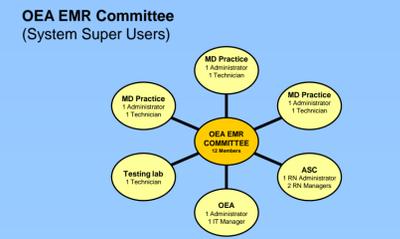
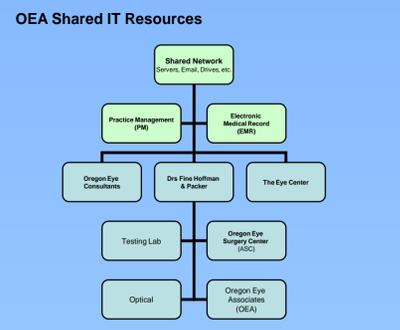
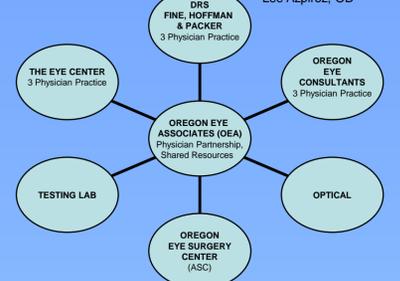


# EMR: Steps for Success - A Case Study

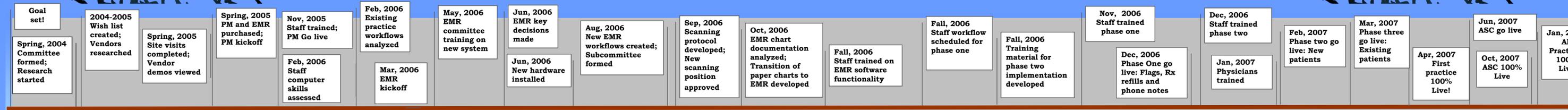
**Abstract**  
 In reviewing our presentation, you will find the timeline and key steps that proved invaluable to our launch and successful conversion from paper charts to electronic medical records (EMR). Additionally, we have provided our lessons learned so that others may benefit from our experience.



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## INITIATION      PLANNING      EXECUTION

**Success Tips:**  
**Anticipate the race and prepare the team...**

- Be firm, but flexible when setting goals and scheduling milestones, anticipate hurdles.
- When forming a committee, choose members representing all aspects of your practice (i.e. billing, admin, clinic)
- Use your physicians as resources for decision-making.
- Gain commitment from physicians and management to allow 100% support of project and team. Although rewarding, the race will be challenging and will require enormous amounts of time.

**BASIC COMPUTER SKILLS FOR EMR PREPARATION**

**Primary steps to achieve:**

- \*Turn on/off computer
- \*Restart
- \*How to use a mouse
- \*Left click/right click function
- \*Move/drag
- \*Maximize/minimize/close windows
- \*Outlook email incl. attachments

**Windows:**

- Open program
- Open document
- Windows Explorer
- My Computer
- My Documents
- Settings
- Microsoft Word, Excel

**Success Tips:**  
**Key coaching decisions....**

- The "Patient Locator" allows something physical to follow the patient during their office visit. The "Locator" is a paper protector with a printed patient demographic sheet, scanning instructions, and scribing software tips.
- When developing workflows, consider using a sub-committee. Select members on your team who exhibit good problem-solving skills and can see the "big picture".
- Makers of EMR administrative decisions must have a comprehensive knowledge of the software system before making recommendations.

**EMR Committee Goals & Vision**

**We will...**

- Be a patient resource for complete eye care
- Maintain an efficient clinical flow during the transition
- Allow our patients to recognize and benefit from the efficiencies of our processes
- Combine resources as appropriate to benefit all departments and patients
- Strive for the highest standard of professionalism, ethics, quality, integrity, and confidentiality during this change
- Consider each department's needs, the care of our patient, and the requests of our physicians
- Be responsible for communicating decisions back to our entities

**Success Tips**  
**Strive to improve your time...**

- Always look for a software vs. manual solution, even if the initial process is time consuming. Use implementation of EMR as an opportunity to make other manual process changes.
- You will quickly realize the value of a scribe when using an EMR solution.
- Consider exam room layouts and how EMR hardware will affect patient experience, and the workflow of staff and physicians (i.e. space issues, patient eye contact during communication, technician/scribe ergonomic considerations)

**Workflow Analysis**

1. Learn the software inside and out (Functionality)
2. Look at current workflows
3. Apply new concepts to current workflows
4. Identify areas to gain efficiency

\*\*\*When analyzing workflows one must consider the effect of the entire practice. (ie. front office, business office, clinic)

**Success Tips**  
**Set the new record...**

- Early work pays off- Analyze and create solutions for form/template development, custom lists (meds, problems, allergies), pick lists (drop downs), handouts, health history form, libraries (providers, pharmacies, etc) to gain maximum efficiencies from the starting line.
- Examine software tools and embrace those that make work more efficient. Disregard tools that don't increase quality or efficiency.

**Warm up...**

Communicate goal to staff: EMR is the future.

Get input from your staff. They know their workflow and will have great ideas. Encourage them to self-evaluate for improvement.

Communicate enthusiasm at every moment!

Never be too busy to answer an EMR question, your staff have nowhere else to go for answers.

**Stretching...**

Always be available to staff – make time!

Listen calmly and completely as all questions are meaningful and give you information. Smart people ask good questions that help to improve the system function.

Communicate each tool that will help users become familiar with the system. Encourage staff to learn and practice EMR dictionary and keyboard shortcuts, etc.

**Good Coaching...**

Communicate that processes will change. There may be more steps in a few areas but great efficiency in many more!

Communicate with all staff at every opportunity, ie. staff meetings, special EMR meetings, email updates, etc.

Encourage staff to voice their concerns, work on their concerns and keep staff informed of the solutions.

Communication builds trust and the staff needs to trust you!

**Carbo loading...**

Communicate the planned timeline to all staff to ensure no one gets left behind. Each team member will help the other to be successful!

Turn on system pieces sequentially as they are ready so staff can experience success with each piece.

**Pace Yourself...**

Continually evaluate your conversion phases, making adjustments to maintain clinic efficiency.

Identify expectations and milestones to be reached, create the reasons to celebrate – then celebrate!

Praise in public!

Get feedback on each individual's EMR comfort level. Don't hold staff members back, but concentrate on keeping them all up to date.

**Second wind...**

Communicate no changes for 90 days, this enables everyone to learn the system as designed and prevents a moving target for success.

Every change request is a potential opportunity for more training!

**Keep your eyes on the prize...**

Publish every positive comment heard:

- "No waiting for charts to be pulled"
- "Surgery scheduling is so much easier now!"
- "On call work is much easier now!"
- "Patient care is definitely enhanced by remote access!"
- "Data gathering is a breeze!"
- "EMR is such a time saver!"

**Workflow Before EMR: Preparing surgery paperwork (20 Steps)**

**Workflow After EMR: Preparing surgery paperwork (11 Steps)**

**Lessons Learned**

- Using the EMR demo will help your employees feel comfortable with the system.
- THIN client hardware was much better for us both for cost and space efficiency.
- Make sure your "Super Users" are knowledgeable of the system.
- Have a central scanning area and someone designated to this job.
- Allow time to plan and analyze workflows.
- Workflows, workflows, workflows!

**Current Projects**

- Expanding reporting
- Equipment integration
- Outcome analysis
- Updating employee training material
- Review workflows for increased efficiency

**Future Goals**

- Patient portal with secure messaging
- Expanding flow sheet views
- Considering care reminder protocols
- Optical integration

**Financial Disclosure:**  
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