Emerging Technology Workshop - revised 10/13/07

October 2007, Kansas City, NSGC

www.kumc.edu/gec/kc/emergingtechnology

see http://www.youtube.com/watch?v=eRqUE6IHTEA%20 (video of how GoggleDoc works)

This chart is for your comments and those of other workshop participants, you can add comments before as well as during the workshop.
After the workshop, the document will be posted on the workshop web site.

Technology	Clinical Uses	Educational Uses	Professional Uses	Limitations
Collaborative Editing Shared work space GoogleDocs	Create documents such as letters and brochures for patients with other staff Gather patient or consumer input to brochures, letters, etc Share clinical data, photos, etc w/ colleagues for 2nd opinion front row person has	Obtain feedback from participants Test out ideas and concepts in the planning phase Assist GC students with letter writing, content development, research proposals and theses Collaborate with support group to develop educational pamphlets	Edit articles prior to submitting them to the Journal of Genetic Counseling Collaborate with colleagues for state licensure submissions Collaborate on task force or committee documents Plan a community event Coauthor book chapters	Versions need coordination May need Google mail account Confidentiality concerns (docs stored with Google) May lose comment/edit trail if google service gone
Elluminate Live Virtual Meetings Remote Instruction	Provide clinical presentations across numerous sites (more versatile than "webinars" I have attended) Give lectures, case reviews, talks to a variety of audiences Provide Virtual GC	Teach online class Student presentations Hold office hours or answer questions	Share work documents Hold meetings with participants at multiple locations; more interactive than a conference call Provide routine content to multiple participants	May need a microphone / headset for audio Expense Computer capabilities on receiving end Learning curve to be facile at Harder to read moods and nuances than on the phone or live
Narrated PowerPoint Voice Over Slides	Create educational presentations for families, e.g., to explain prenatal testing options Create content for GC in cancer or other specialty for patient education	Provide lecture preview / or review for students Provide routine content to multiple participants	Market genetic services Create content for insurance providers, HR	Long presentations with audio may create large files to download / play Not terribly dynamic Not sure intended audience is actually paying attention

Podcasting Digital Presentation	Create content for patient education, general overview material based on specialty	Review presentation Make available lectures which do not require significant visual content	Attend Continuing Ed meetings or presentations in other locations (from your office or home)	Free software available to produce podcasts, but are costs for hardware and web site hosting
Skype Voice / Video over Internet	Provide follow-up results to patients	Provide office hours with students	Communicate with colleagues Conference calls	Equipment and software for recipient [installed Skype and Internet Explorer disappeared!]
Second Life Virtual World	Provide patient and caregiver support groups Provide virtual GC	Create visual presentations Simulate counseling session	Promote facility or services	Advanced class! Not compatible with new version of Windows Vista
Telemedicine	Provide patient consultation	Supervise students remotely		Cost Resistance to use Equipment Reimbursement
Whiteboard	Interact with patients, families	Interact with students	Provide virtual meeting with input from participants	Access, equipment, cost
WikiGenetics	Provide baseline patient education so GC session is more efficient	Provide accurate Internet information for consumers Act as resource for primary and secondary students interested in human genetics		Accuarcy Agendas
YouTube VideoGoogle	Provide patient information / support	Create short educational videos on specific conditions for discussion		May lose some control over off-site content
Other E-Books GoogleJockying		Search several books for content at once Have instant digital information for students		