

**Instructions to Participants - pick one clip to perform from below:**

Medical: Nasal Irrigation

Saltwater washes (saline lavage or irrigation) help keep the nasal passages open by washing out thick or dried mucus; they can also help improve the function of cilia that help clear the sinuses. This can help prevent the spread of infection to the other sinuses and reduce postnasal drip.

Medical: Infarction

There are several possible causes of intestinal ischemia and infarction, one of which is embolus. A blood clot from the heart or main blood vessels may travel through the bloodstream and block one of the arteries supplying the intestine. Patients with previous heart attacks or with arrhythmias such as atrial fibrillation are at risk for this problem.

Legal: Torts

In a toxic tort claim, the plaintiff (the person who sues) alleges that exposure to some dangerous substance caused an injury or illness. These claims are often brought on behalf of a group of people, in what is called a class action lawsuit. An example of a class action lawsuit is when a group of workers alleges exposure to asbestos while on the job.

Legal: Decision

Defendant-intervenors, the official proponents of Proposition 8 under California election law (“proponents”), were granted leave in July 2009 to intervene to defend the constitutionality of Proposition 8. Doc #76. On January 8, 2010, Hak-Shing William Tam, an official proponent and defendant-intervenor, moved to withdraw as a defendant.

Scientific: Quantum Physics

The angular momentum, or more generally the action, of an electron bound into an atom or molecule is quantized. In the context of QM, the wave-particle duality of energy and matter and the uncertainty principle provide a unified view of the behavior of photons, electrons and other atomic-scale objects.

Technical: Transistors

The two types of transistors have slight differences in how they are used in a circuit. A bipolar transistor has terminals labeled base, collector, and emitter. A small current at the base terminal (that is, flowing from the base to the emitter) can control or switch a much larger current between the collector and emitter terminals.

Agricultural: GMF

Testing on GMOs in food and feed is routinely done using molecular techniques like DNA microarrays or qPCR. These tests can be based on screening genetic elements (like p35S, tNos, pat, or bar) or event-specific markers for the GMOs (like Mon810, Bt11, or GT73).

Digital: PayPal API

The PayPal Payment Gateway extension, which comes bundled with **Subscriptio**, uses PayPal Adaptive Payments (more specifically, Preapproved Payments) to charge subscribers automatically. You need to configure both your PayPal account and this extension on your site. The latter requires API Username, API Password, API Signature and App ID to be set.