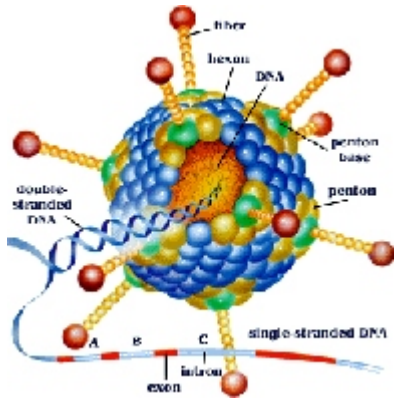
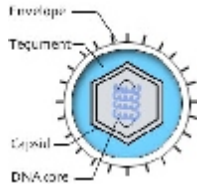
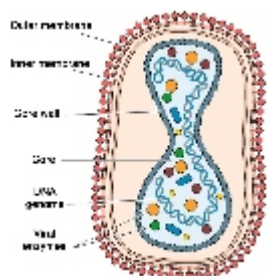



# TABLE SUMMARIZING MAJOR CLASSES OF DNA VIRUSES

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15 August 1993, rvsd 12 August 1994, 15 Feb 02, 15 Feb 06, 26Apr06, 7 Aug 06, 8 Aug07, 20Feb08, 12Aug09,12Aug11

Bauman 2<sup>nd</sup>: 680-740

Cls	genome	env?, shape	example	diseases
<b>DNA VIRUSES:</b>				
Ia	dsDNA linear	naked polyhedral	Adenovirus (p 695-696)	40+: respiratory 1 cause of "common cold" & of pinkeye Glitis (20% severe diarrhea in children) sudden onset, short duration
				
Ib	dsDNA linear	Enveloped polyhedral,	Herpesvirus (p 682-692)	80+, latency characteristic, usually nerves: (p 682) Herpes simplex 1: oral, fever blisters (p 684) Herpes simplex 2: genital (p 685) <b>Varicella zoster:</b> chicken pox, shingles (p 687, 688) <b>cytomegalovirus</b> leading teratogenic virus (TORCH) <b>Rhadinovirus:</b> Kaposi's Sarcoma (p 692) <b>Epstein-Barr:</b> mononucleosis. Burkitt's lymphoma
				
Ic	ds DNA linear	Enveloped largest, mst complex,	Poxvirus (p 680-682)	brick shaped, cause inclusion bodies small pox (p 681) cowpox = vaccinia certain warts (molluscum contagiosum)
				
II	dsDNA circular	naked polyhedral	Papovavirus (p 692-695)	<i>papilloma</i> : 25+ in humans: str'n 18: cervical CA (p 693) <i>polyoma</i> : 2 in humans, <i>vasculating</i> . Warts (SV-40 : simian virus)
				
		enveloped	Hepadnaviridae (p 696-699)	Hepatitis B virus "Serum" PoE: minor skin break (razor, toothbrush) risk of liver CA (p 698)
	ssDNA	linear, naked polyhedral	Parvovirus (p 699)	parvo ("small") Serious viral disease of dogs, especially puppies.
				