		Adenovirus			
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intro-	siructure	Classaification	replication	epidentology	
) first isolated from adenoids	1) size 70-90 nm	1) at least 57 antigenic types	Donly in epithelial	1) comm-outbreak is unusual	
) replicate+ produce disease in	2) linear ds DNA	2) one third cause human discuse	2) attach via libers	2) transmission 8	
epilhelial cells	3) a virus encoded protein	3) divided into 7 groups CA-G) based	3) host receptor is CAR	A) respiratory infection	
s) many infections are subclinical	is count linked to the end of	on genetic, physical, Chemical, bio.	, mem. of 19 gene superfamily	1) inhalation of droplets	
+ persist for months	genome (terminal)	effect	u) cylopathic effects 8	2) contaminated hand	
1) oncogenic to animals	4) core prolems	4) hemagglutination + % of G+C	A)rounding	3) direct contact with contaminal	led
b) used to 8	5) icosahedra1, 252 capsomers	and oncogenic potential &	B)enlargement	Surface	
A) molecular+biochem· Studies	→1) hexons (240), penton (12)	A) Tumorigenicity in vivo	C) aggregation of effected	B) intestinal tract	
in eukaryatic cell	3) fibers (12) at each vertex	B) Transformation of cells	cells into grape-like	fecal-oral route	
B) vectors for gene therapy	6) unenveloped (naked)		Clusters	c) eye infection	
c) induction of lumors in	7) DNA can be isolated in an infectious			1) contaminated hand	
animal for research + therapeutic	form + less infectivity when			2) 11 fowels	
	terminal protein is removed (proteolysis			3) 11 eye drops , oph thalmic i	nskru
	8) hexon, penion, libers -antigens imp				
	in viral classification				
	9) penion-toxin-like activity cause				
	cytopathic effect				
	lo) fiber - hemagglulinating activity				

