



September 2006

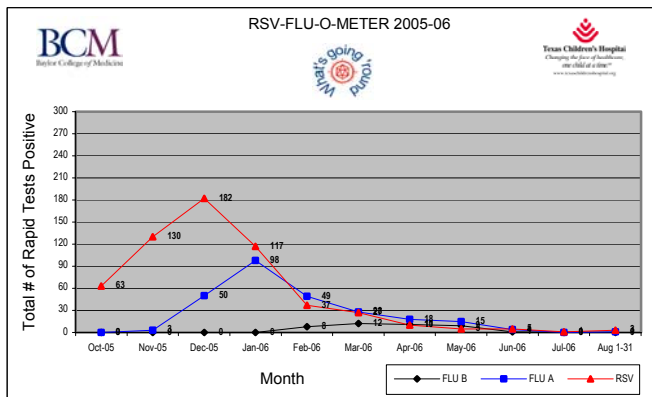
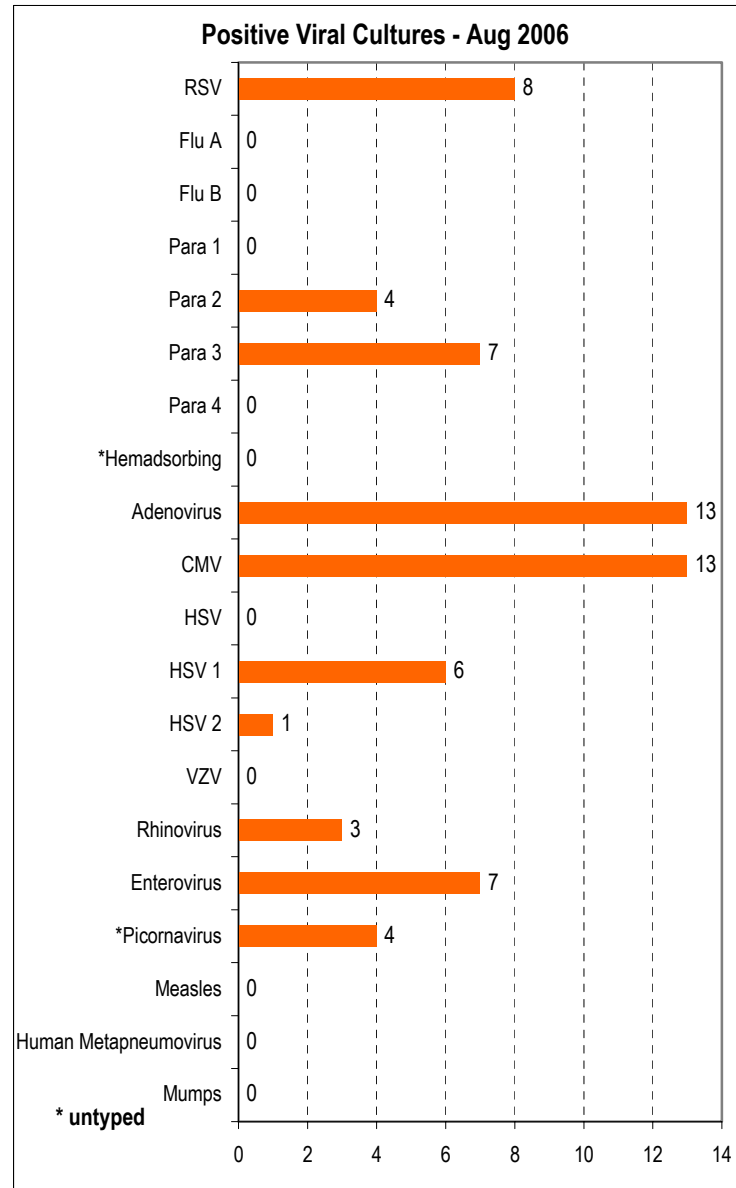
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Adenovirus was the most common virus in August, followed by RSV, parainfluenza virus types 2 and 3, and the picornaviruses (enteroviruses and rhinoviruses).

RSV has been detected by RAPID RSV tests and viral culture and RSV season is slowly building. One RAPID FLU test was positive for influenza A virus, but the viral culture has been negative so far, suggesting a false positive test. All RAPID ADENO tests that were negative also had negative viral cultures, but not all positive adenovirus cultures had a RAPID ADENO test requested on the same sample.

We confirm all RSV, FLU and ADENO RAPID TESTS tests with viral culture because we have found rapid test assays may vary in ability to detect virus infection. We also, wish to detect viral co-infections, monitor test kit performance in our special populations, determine the best test kits for our populations, and to educate clinicians about the performance of the test kit we are currently using.

In August, we isolated RSV from 8 respiratory samples; 5 samples came from the same patient; of the other 3 tests, one did not have a RAPID RSV test ordered, one agreed and one was discrepant. It is too early in the season to determine performance of the RAPID TESTS but we will keep you advised via this newsletter and our website as the winter season progresses. Watch the RSV-FLU-O-METER for weekly updates [http://www.bcm.edu/pedi/infect/dvl/newsletter/RSV-FLU-O-METER\(combined\).pdf](http://www.bcm.edu/pedi/infect/dvl/newsletter/RSV-FLU-O-METER(combined).pdf) and "What's going 'round now!" <http://www.bcm.edu/pedi/infect/dvl/updates.htm>.



Viral Cultures –August 2006

Total all	483	Total Resp.	307
Positive	66	Positive	49
% Positive	14	% Positive	16

EIA Rapid Test Results – August 2006

	RSV	FLU A	FLU B	ADENO
Tested	137	125	125	43
Positive	3	1	0	0
% Positive	2	0	0	0

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