## Virginia Department of Health, Division of Tuberculosis and Newcomer Health Recommended Sputum Sample Collection Schedule for Monitoring Smear and Culture Conversion in Pulmonary Cases

	Purpose	Monitoring	Frequency	Number of specimens	Comments
	Determine infectiousness and Confirmation of TB disease	Initial contact with client	Collect 3 consecutive specimens	Minimum of 3 samples, with one collected in the early morning.	At least one specimen collection should be observed / coached by HD staff.
	Gommator of 12 disease			If diagnosis was <b>confirmed</b> before the client is reported, collect 3 additional specimens to determine if infectious.	At minimum, samples should be at least 8 hours apart.
be cor			Collect one sputum specimen every 7–10 days; with maximum of 3/month	Total number of specimens will vary from client to client.	Single specimens should be observed by HD staff.
			days after treatment initiation	difficulty with spontaneous sputum	Collecting a specimen 55 – 60 days after treatment initiation provides valuable information about treatment response
					Additional criteria to release from isolation "Controlling Tuberculosis in the United States,"11/4/2005, Vol. 54, No. RR-12, Page 9, Box 3
Determine the	nitor for response to treatment and ermine the need for extension of	Culture conversion	Continue to collect one sample every 7- 10 days with maximum of 3/month	Until 2 consecutive sputum <u>cultures</u> are negative with no positive culture results thereafter. For most clients no further collection will be necessary.	Single specimens should be observed by HD staff.
	treatment <b>and</b> For Test of Cure				If unable to produce sputa spontaneously. Several 30 minute induction attempts on different days, including early AM, should be undertaken before deciding that a client can no longer produce sputum.
		Test of Cure	consecutive sputum <u>cultures</u> are negative with no positive culture results thereafter.	Total number of specimens will vary dependent on the client.	Single specimens should be observed by HD staff.
				If client is unable to produce sputum, sputum induction should be attempted.	Several 30 minute induction attempts on different days should be undertaken before deciding that a client can no longer produce sputum.