



Thursday 5 November EU-India PARTNERING EVENT

PROFILE FORM

ORGANISATION DETAILS					
Organisation name Medanta, The Medicity					
Street * Sector 38					
ZIP * 122001		City * Gurgaon		Country * India	
Phone * 9971698136			Fax		
Email * juneja@hotmail.com			Web medantamedicity.com		
Employees	<input type="checkbox"/> 1-10	<input type="checkbox"/> 11-50	<input type="checkbox"/> 51 - 250	<input checked="" type="checkbox"/> 250 +	
Organisation type	<input type="checkbox"/> University	<input type="checkbox"/> Research Center	<input type="checkbox"/> Industry	<input type="checkbox"/> SME	<input checked="" type="checkbox"/> Other
Department	Cardiac Anesthesia & Critical Care				
Short description of your company/organization	A 450 bedded multispeciality tertiary care facility . It will expand to 1250 beds within the next three years. Apart from healthcare it will provide education , training , medical research and high – end medical diagnostics backed by remarkable infrastructure, futuristic technology across 43 acres				

PARTICIPANT			
Gender	<input type="checkbox"/> Mr	<input type="checkbox"/> Ms	Title Dr
First name	Rajiv		
Last name	Juneja		
Position	Consultant		

PARTNERSHIP PROPOSAL	
<p><u>EU-India partnering event session participation:</u></p> <p><input type="checkbox"/> Sustainable production and management of biological resources from land, forest and aquatic environment</p> <p><input type="checkbox"/> Fork to farm: Food (including seafood), health and well being</p> <p><input type="checkbox"/> Life sciences, biotechnology and biochemistry for sustainable</p> <p><input checked="" type="checkbox"/> Health</p>	
<p>Areas of activity (Free keywords)</p>	<p>Anesthesia, cardiac anesthesia, critical care</p>

PROJECT DESCRIPTION	
<p>Title of your research project in one sentence</p>	<p>1) Prophylaxis and genetic susceptibility of atrial fibrillation following off pump coronary artery bypass graft surgery</p> <p>2) Effect of tranexamic acid on postoperative bleeding and inflammatory response after open heart valve surgery</p>
<p>Short description of project</p>	<p>1) Atrial fibrillation (AF) after coronary artery by pass graft surgery (CABG) has incidence of 27-40%. It has predictors, causes postoperative complications and prolonged hospital stay. A genetic predisposition has been proposed. This prospective, randomized, blind study would confirm the hypothesis that post CABG AF has a genetic link and that amiodarone is an effective prophylactic antiarrhythmic drug after off pump CABG (OPCAB) ; enabling prophylaxis in genetically predisposed patients who are high risk for CABG especially OPCAB.</p> <p>2) Microvascular bleeding after open heart surgery (OHS) is multifactorial. Inflammatory response following cardiopulmonary bypass is (CPB) is well known. Tranexamic acid an antifibrinolytic which reduces post operative bleeding has been proposed to reduce inflammatory response which has not been well studied after CPB. This study proposes confirm the hypothesis that TA reduces inflammatory response post CPB decreasing inflammatory complications after valve surgery in a prospective blind randomized fashion.</p>
<p>Description of expertise offered</p>	<p>Clinical work. executing the studies, patient follow up, data collection,</p>
<p>Description of requested partner expertise</p>	<p>Study design, genetic analysis, statistics, funding</p>