



# Noticias News Nouvelles

Volume 6 Issue 1

January 31, 2007

University of Toronto Maternal, Infant and Reproductive Health Research Unit  
at The Centre for Research in Women's Health

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**OVERALL TOTAL: 936**  
**TOTAL THIS MONTH: 45**

**EXCELLENT  
WORK!**  
We have  
reached a new  
monthly high  
yet again!

*Next month let's reach 50 recruits or more!*

## Welcome to TBS!

We would like to welcome Dr Mordechai Hallak and the team at Hillel Yaffe Medical Center in *Hadera*, Israel; Dr Hamed Al-Taher and the team at Queen Elizabeth Hospital in *King's Lynn*, UK; Dr Peter Young and the team at North Staffordshire Hospital in *Stoke-on-Trent*, UK; Dr Janet Andrews and the team at University of Iowa in *Iowa City*, USA; and Dr George Macones and the team at Washington University in *St Louis*, USA. We look forward to working with you!

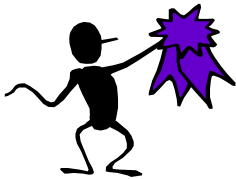
## Congratulations on your first recruit!

Congratulations to Dr Melanie Ornstein and the team at Toronto East General in *Toronto*, Canada; Dr Ross Welch and the team at Derriford Hospital in *Plymouth*, UK; and special recognition to Dr Donnette Simms-Stewart and the team at University Hospital of the West Indies in *Kingston*, Jamaica for recruiting their first patient and achieving their annual recruitment goal in the same month!



## Recruitment Excellence

This month, we congratulate Dr Mabel Rivero and the team at Hospital Angela Iglesia de Llano in *Corrientes*, Argentina; Dr Raul Abalos Gorostiaga and the team at Ramon Carrillo in *Santiago del Estero*, Argentina; Dr Kassam Mahomed and the team at Ipswich Hospital in *Ipswich*, Australia; Dr Fung Yee Chan and the team at Mater Mothers' Hospital in *Brisbane*, Australia; Dr José Guilherme Cecatti and the team at University of Campinas in *Campinas*, Brazil; Dr Olimpio Barbosa de Moraes Filho and the team at University of Pernambuco in *Recife*, Brazil; Dr Salvio Freire and the team UFPE in *Recife*, Brazil; Dr Arthur Zaltz and the team at Sunnybrook Health Sciences Centre in *Toronto*, Canada; Dr Uwe Hasbargen and the team at Ludwig Maximilians University of Munich in *Munich*, Germany; and Dr Donnette Simms-Stewart and the team at University Hospital of the West Indies in *Kingston*, Jamaica. We will be sending a gold seal to place on your Certificate of Achievement. Congratulations on reaching your TBS annual recruitment goal. Keep up the good work!



## 2 Year Follow-up

The new 2 Year Follow-up Table is found as an insert in this month's newsletter! Please continue to contact patients to remind them of the data to be collected for the 2 year follow-up. With your help we can achieve 100% follow-up!



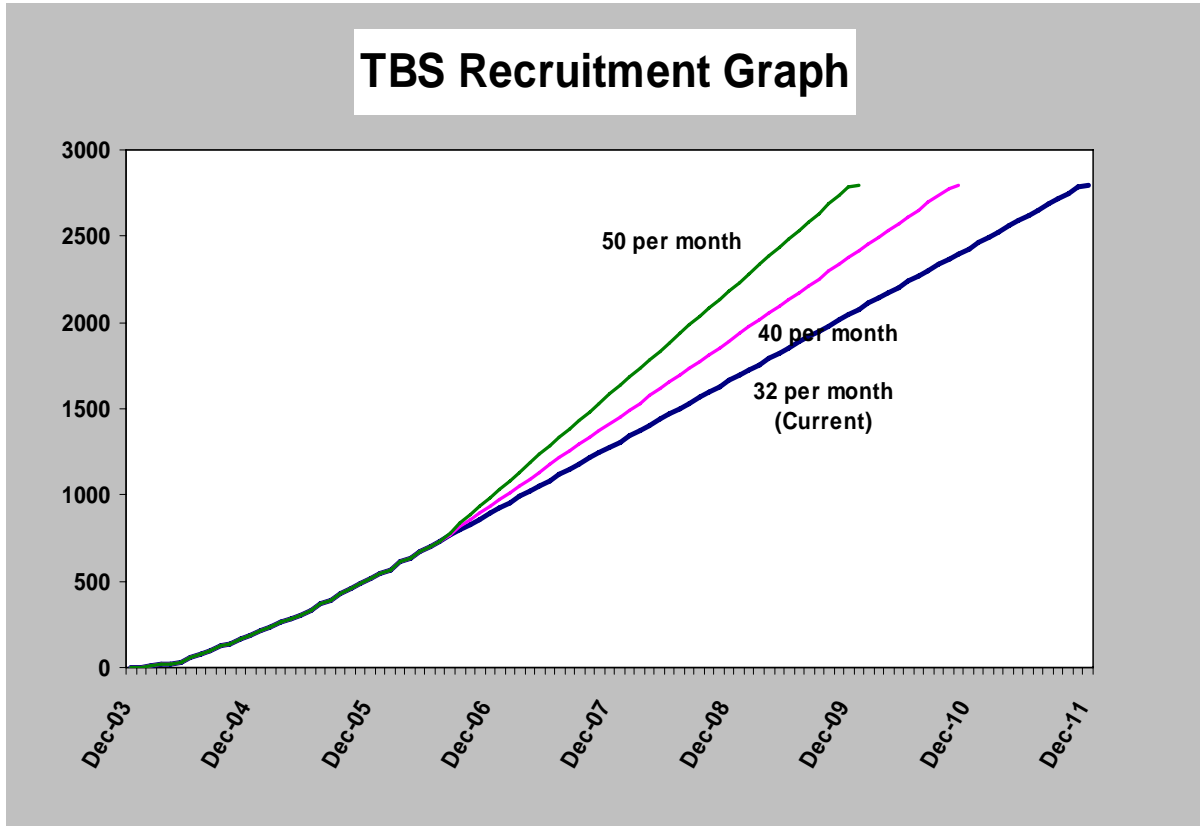
## Interim Analysis

We are 64 recruits away from our first interim analysis! Please send all data and queries to us as soon as possible, so that we can start preparing for the analysis.



## TBS Recruitment Graph

This graph displays recruitment and how we are progressing. It also shows 3 projections of completion dates based on various recruitment rates. At the current average rate of 32 recruits per month, we will finish the study in 2011. By recruiting just 8 more each month, we can finish in 2010. By increasing recruitment to 50 each month, we can finish a year earlier. The optimal mode of delivery for term twins will remain unclear until our sample size is attained. Together we can reach our goal of 2800 and answer this important clinical question.





as of January 31, 2007

COUNTRY	Annual Goal	Dec 2003	Jan - Dec 2004	Jan - Dec 2005	Jan - Jun 2006	Jul - Oct 2006	Nov 2006	Dec 2006	Jan 2007	Grand Total
	ARGENTINA	61		60	65	41	35	8	12	11
CANADA	84	3	25	53	24	18	3	1	6	133
BRAZIL	42		2	44	40	23	2	6	5	122
ISRAEL	34		21	27	9	4	2	1	1	65
POLAND	15		4	28	6	5	1	6	3	53
EGYPT	20		19	14	9	4		2	1	49
AUSTRALIA	26		2	15	4	6	1	1	4	33
THE NETHERLANDS	9		7	9	12	3	1	1		33
CHILE	16		8	11	9	1		3	1	33
USA	24		4	13	7	2		1		27
ESTONIA	3		5	12	4	3	1		1	26
UK	34		2	2	5	8		2	3	22
HUNGARY	4		5	11	5	1				22
SPAIN	5		2	6	3	4	1	2	1	19
JORDAN	9		5	5	3	1	1	3		18
BELGIUM	3		5	7	1	2				15
ROMANIA	3		2	5	1	1			1	10
CROATIA	4		4	3		2				9
GERMANY	4			3	3	1			1	8
JAMAICA	4								4	4
GREECE	6					1			2	3
<b>Total</b>	<b>410</b>	<b>3</b>	<b>182</b>	<b>333</b>	<b>186</b>	<b>125</b>	<b>21</b>	<b>41</b>	<b>45</b>	<b>936</b>

**CENTRES BY COUNTRY**

(Shaded area is prior to start-up)

**ARGENTINA**

LC Lagomaggiore, Mendoza	12		31	32	15	7	1	4		90
Posadas, Buenos Aires	6		22	28	6	8	3		4	71
Ramon Carrillo, Santiago del Estero	10			2	7	4	2	2	3	20
Hospital Avellaneda, Tucuman	6			2	5	4		2		13
Hospital Penna, Bahia Blanca	4				5	4	1	2		12
Hospital Ramos Mejia, Buenos Aires	4		7	1	2					10
Hospital Angela Iglesia de Llano, Corrientes	3				1	4			2	7
Hospital JR Vidal, Corrientes	6					4			1	5
Hospital Sarda, Buenos Aires	10						1	2	1	4

**CANADA**

Sunnybrook Health Sciences Centre, Toronto	5	3	14	11	8	5			4	45
McMaster, Hamilton	5			10	2	4	1			17
Regina General Hospital, Regina	5			5	5	1	1			12
IWK Health Centre, Halifax	7		1	4	1	4	1			11
Trillium Health Centre, Mississauga	6			6	3	1				10
Mount Sinai, Toronto	11		5	2	2	1				10
Calgary Health Region - Foothills Hospital, Calgary	18		1	5	1					7
Lion's Gate, Vancouver	3			6	1					7
Royal Columbian, New Westminster	5		3	3						6
Royal University, Saskatoon	6				1	2		1	1	5
Toronto East General, Toronto	5								1	1
Eastern Health, St John's	4			1						1
York Central, Richmond Hill	4		1							1

**BRAZIL**

University of Campinas, Campinas	5		2	17	6	8	1		1	35
University of Pernambuco, Recife	7			13	10	1	1	2	1	28
Maternidade Escola - UFRJ, Rio de Janeiro	6			8	7	6		3	2	26
Universitario Antonio Pedro, Niteroi	5			1	7	2		1		11
ISCMPA-Maternidade Mario Totta, Porto Alegre	6			5	2	2				9
Laranjeiras Clinica Perinatal, Rio de Janeiro	8				6	2				8
UFPE, Recife	5				2	2			1	5

**ISRAEL**

Edith Wolfson, Holon	5		11	6	5			1		23
Ma'ayney HaYeshua Medical Center, Bnei Brak	10		5	4	2	3			1	15
Bnai Zion Medical Center, Haifa	8		4	7						11
Haemek, Afula	7		1	7			2			10
Poriya Government, Tiberias	4			3	2	1				6

Annual Goal	Dec 2003	Jan - Dec 2004	Jan - Dec 2005	Jan - Jun 2006	Jul - Oct 2006	Nov 2006	Dec 2006	Jan 2007	Grand Total
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#### POLAND

University School of Medical Sciences, Poznan	8		3	24	3	5	1	6	3	45
Medical University of Gdansk, Gdansk	2		1	3	1					5
Polish Mothers Memorial Hospital, Lodz	5			1	2					3

#### EGYPT

Assiut University Hospital, Assiut	20		19	14	9	4		2	1	49
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#### AUSTRALIA

St George, Sydney	3		2	5	1					8
Toowoomba Base Hospital, Toowoomba	2			4	2					6
Mater Mothers', Brisbane	6			2		2	1		1	6
Ipswich Hospital, Ipswich	3					1			3	4
Monash, Clayton	4				1	2		1		4
Logan, Meadowbrook	5			3		1				4
Townsville Hospital, Townsville	3			1						1

#### THE NETHERLANDS

Atrium Medical Center, Heerlen	3		4	5	4	1	1	1		16
Maaslandziekenhuis Sittard, Sittard	2			2	5					7
Academisch Ziekenhuis, Maastricht	2		3	2	1					6
Sint Lucas Andreas Ziekenhuis, Amsterdam	2				2	2				4

#### CHILE

Hospital Dr Gustavo Fricke, Vina del Mar	5		8	11	6			2	1	28
Sotero del Rio, Puente Alto	11				3	1		1		5

#### USA

East Bay Perinatal Medical Associates, Oakland	12			9	4	1				14
Maricopa, Phoenix	8			3	2	1				6
University of South Carolina, Columbia	4			1	1			1		3
Centres that are no longer recruiting	0									4

#### ESTONIA

Tartu University Hospital - Women's Clinic, Tartu	3		5	12	4	3	1		1	26
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#### UK

Bradford Royal Infirmary, Bradford	8				3	3		2	1	9
Nottingham City, Nottingham	9		2	2	1	2				7
Lewisham, London	5				1	2				3
Basildon & Thurrock University, Basildon	6					1			1	2
Derriford, Plymouth	6								1	1

#### HUNGARY

University of Debrecen, Debrecen	4		5	11	5	1				22
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#### SPAIN

University of Barcelona - Hospital Clinic, Barcelona	5		2	6	3	4	1	2	1	19
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#### JORDAN

Islamic, Amman	9		5	5	3	1	1	3		18
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#### BELGIUM

Vrije Universiteit Brussel, Brussels	3		5	7	1	2				15
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#### ROMANIA

University of Pharmacy and Medicine, Cluj-Napoca	3		2	5	1	1			1	10
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#### CROATIA

Sveti Duh, Zagreb	4		4	3		2				9
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#### GERMANY

Ludwig Maximilians University of Munich, Munich	2			1	3	1			1	6
CUB - Benjamin Franklin, Berlin	2			2						2

#### JAMAICA

University Hospital of the West Indies, Kingston	4								4	4
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#### GREECE

Alexandra Maternity, Athens	6					1			2	3
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Centres awaiting first patient: [COUNTRY: Hospital, City (annual goal)] [month/year start-up package sent]

AUSTRALIA: Women's & Children's, Adelaide (6) [09/05]; Royal North Shore, St Leonards (3) [11/06]; DENMARK: Aarhus University, Aarhus (8) [01/05]; GERMANY: Charite Vitchow-Klinikum, Berlin (5) [01/06]; ISRAEL: Hlail Yaffe Medical Center, Hadera (6) [01/07]; SWITZERLAND: Hopital Universitaire de Geneve, Geneva (5) [11/05]; UK: Aberdeen Maternity, Aberdeen (6) [11/06]; Queen Elizabeth Hospital, King's Lynn (3) [01/07]; North Staffordshire, Stoke-on-Trent (8) [01/07]; USA: University of Iowa, Iowa City (3) [01/07]; Washington University, St Louis (5) [01/07];

## 2 Year Follow-up of TBS Babies

The status of the TBS 2 Year Follow-up is displayed in the following table for centres that recruited patients. Centres are listed according to the total number of recruits by country and centre. See below for the number of follow-up assessments performed by your centre!



**Let's aim for 100% follow-up!!**

Follow-Up Status	2003		2004		2005		2006		2007		Totals	
	#Recruited	# Complete Follow-Up	#Recruited	# Complete Follow-Up	#Recruited	# Complete Follow-Up	#Recruited	# Complete Follow-Up	#Recruited	# Complete Follow-Up	#Recruited	# Complete Follow-Up
<b>As of January 2007</b>												
<b>COUNTRY</b>												
ARGENTINA			60	38	65		96		11		232	38
CANADA	3	3	25	14	53		46		6		133	17
BRAZIL			2	1	44		71		5		122	1
ISRAEL			21	16	27		16		1		65	16
POLAND			4	1	28		18		3		53	1
EGYPT			19	12	14		15		1		49	12
AUSTRALIA			2	2	15		12		4		33	2
CHILE			8	8	11		13		1		33	8
THE NETHERLANDS			7	5	9		17				33	5
USA			4		13		10				27	
ESTONIA			5	3	12		8		1		26	3
HUNGARY			5		11		6				22	
UK			2		2		15		3		22	
SPAIN			2		6		10		1		19	
JORDAN			5	2	5		8				18	2
BELGIUM			5		7		3				15	
ROMANIA			2	2	5		2		1		10	2
CROATIA			4	4	3		2				9	4
GERMANY					3		4		1		8	
JAMAICA									4		4	
GREECE							1		2		3	
<b>Total</b>	<b>3</b>	<b>3</b>	<b>182</b>	<b>108</b>	<b>333</b>		<b>373</b>		<b>45</b>		<b>936</b>	<b>111</b>
			<b>100.0%</b>		<b>59.3%</b>							<b>12%</b>

### CENTRES BY COUNTRY

(Shaded area is prior to start-up)

#### ARGENTINA

LC Lagomaggiore, Mendoza			31	22	32		27				90	22
Posadas, Buenos Aires			22	14	28		17		4		71	14
Ramon Carrillo, Santiago del Estero					2		15		3		20	
Hospital Avellaneda, Tucuman					2		11				13	
Hospital Penna, Bahia Blanca							12				12	
Hospital Ramos Mejia, Buenos Aires			7	2	1		2				10	2
Hospital Angela Iglesia de Llano, Corrientes							5		2		7	
Hospital JR Vidal, Corrientes							4		1		5	
Hospital Sarda, Buenos Aires							3		1		4	

#### CANADA

Sunnybrook Health Sciences Centre, Toronto	3	3	14	7	11		13		4		45	10
McMaster, Hamilton					10		7				17	
Regina General Hospital, Regina					5		7				12	
IWK Health Centre, Halifax			1		4		6				11	
Trillium Health Centre, Mississauga					6		4				10	
Mount Sinai, Toronto			5	3	2		3				10	3
Calgary Health Region - Foothills Hospital, Calgary			1	1	5		1				7	1
Lion's Gate, Vancouver					6		1				7	
Royal Columbian, New Westminster			3	3	3						6	3
Royal University, Saskatoon							4		1		5	
Toronto East General, Toronto									1		1	
Eastern Health, St John's					1						1	
York Central, Richmond Hill			1								1	

#### BRAZIL

University of Campinas, Campinas			2	1	17		15		1		35	1
University of Pernambuco, Recife					13		14		1		28	
Maternidade Escola - UFRJ, Rio de Janeiro					8		16		2		26	
Universitario Antonio Pedro, Niteroi					1		10				11	
ISCOMPA-Maternidade Mario Totta, Porto Alegre					5		4				9	
Laranjeiras Clinica Perinatal, Rio de Janeiro							8				8	
UFPE, Recife							4		1		5	

#### ISRAEL

Edith Wolfson, Holon			11	11	6		6				23	11
Ma'ayney HaYeshua Medical Center, Bnei Brak			5	3	4		5		1		15	3
Bnai Zion Medical Center, Haifa			4	2	7						11	2
Haemek, Afula			1		7		2				10	
Poriya Government, Tiberias					3		3				6	

Follow-Up Status	2003		2004		2005		2006		2007		Totals	
	# Recruited	# Complete Follow-Up	# Recruited	# Complete Follow-Up	# Recruited	# Complete Follow-Up	# Recruited	# Complete Follow-Up	# Recruited	# Complete Follow-Up	# Recruited	# Complete Follow-Up
<b>As of January 2007</b>												
<b>POLAND</b>												
Univ School of Medicine, Poznan			3		24		15		3		45	
Medical University of Gdansk, Gdansk			1	1	3		1				5	1
Polish Mothers Memorial Hospital, Lodz					1		2				3	
<b>EGYPT</b>												
Assiut University Hospital, Assiut			19	12	14		15		1		49	12
<b>AUSTRALIA</b>												
St George, Sydney			2	2	5		1				8	2
Toowoomba Base Hospital, Toowoomba					4		2				6	
Mater Mothers', Brisbane					2		3		1		6	
Ipswich Hospital, Ipswich							1		3		4	
Logan, Meadowbrook					3		1				4	
Monash, Clayton							4				4	
Townsville Hospital, Townsville					1						1	
<b>THE NETHERLANDS</b>												
Atrium Medical Center, Heerlen			4	4	5		7				16	4
Maaslandziekenhuis Sittard, Sittard					2		5				7	
Academisch Ziekenhuis, Maastricht			3	1	2		1				6	1
Sint Lucas Andreas Ziekenhuis, Amsterdam							4				4	
<b>CHILE</b>												
Hospital Dr Gustavo Fricke, Vina del Mar			8	8	11		8		1		28	8
Sotero del Rio, Puente Alto							5				5	
<b>USA</b>												
East Bay Perinatal Medical Associates, Oakland					9		5				14	
Maricopa, Phoenix					3		3				6	
University of South Carolina, Columbia					1		2				3	
Jamaica Hospital Medical Center, Jamaica			2								2	
Texas Tech UHSC, Lubbock			2								2	
<b>ESTONIA</b>												
Tartu University Hospital - Women's Clinic, Tartu			5	3	12		8		1		26	3
<b>UK</b>												
Bradford Royal Infirmary, Bradford							8		1		9	
Nottingham City, Nottingham			2		2		3				7	
Lewisham, London							3				3	
Basildon & Thurrock University, Basildon							1		1		2	
Derriford, Plymouth									1		1	
<b>HUNGARY</b>												
University of Debrecen, Debrecen			5		11		6				22	
<b>SPAIN</b>												
University of Barcelona - Hospital Clinic, Barcelona			2		6		10		1		19	
<b>JORDAN</b>												
Islamic, Amman			5	2	5		8				18	2
<b>BELGIUM</b>												
Vrije Universiteit Brussel, Brussels			5		7		3				15	
<b>ROMANIA</b>												
University of Pharmacy and Medicine, Cluj-Napoca			2	2	5		2		1		10	2
<b>CROATIA</b>												
Sveti Duh, Zagreb			4	4	3		2				9	4
<b>GERMANY</b>												
Ludwig Maximilians University of Munich, Munich					1		4		1		6	
CUB - Benjamin Franklin, Berlin					2						2	
<b>JAMAICA</b>												
University Hospital of the West Indies, Kingston									4		4	
<b>GREECE</b>												
Alexandra Maternity, Athens							1		2		3	