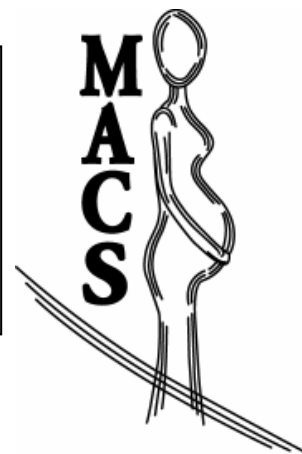


December 31, 2006  
Volume 7, Issue 12

# MACS news



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## DATA CAMPAIGN

**PLEASE HELP US REACH 100%!!!**

**95% Cases with all Primary Data Forms Returned**  
**86% Cases with all Forms Returned and Queries Resolved**



Keep up the great work! We have been receiving data daily. Thank you!!!

The meeting to present and discuss the results of the primary analysis will take place on September 27<sup>th</sup> and 28<sup>th</sup>, 2007. We will be sending more information shortly.

## CENTRES THAT HAVE REACHED 100% CASES WITH ALL PRIMARY DATA FORMS RETURNED AND ALL QUERIES RESOLVED

Hospital Italiano, Buenos Aires	Hadassah Ein Kerem, Jerusalem
Ramos Mejia, Buenos Aires	Poriya Government, Tiberias
Hospital Geral, Caxias do Sul	Sheba Medical Center, Ramat-Gan
St Boniface General, Winnipeg	Islamic, Amman
Royal University, Saskatoon	Hospital Nacional Cayetano Heredia, Lima
CHUS Fleurimont, Sherbrooke	Medical University of Gdansk, Gdansk
Children's & Women's Health Centre of BC, Vancouver	Research Centre of Obs, Gyn & Perinatology, Moscow
North Bay General, North Bay	Research Institute, Ivanovo
Dr Everett Chalmers Regional, Fredericton	University Women's Hospital, Basel
Peace Maternity, Shanghai	University Hospital, Zurich
Aarhus University, Aarhus	Atrium Medical Center, Heerlen
University of Marburg, Marburg	Royal Free, London
St Hedwig Hospital, Regensburg	The Queen Elizabeth Hospital, King's Lynn
Dr Horst-Schmidt-Kliniken, Wiesbaden	Bethesda, Cincinnati
MHH Hannover, Hannover	Baystate Medical Center, Springfield
University of Debrecen, Debrecen	Albany Medical Center, Albany
Edith Wolfson, Holon	Winthrop, Mineola
Bnai Zion, Haifa	

We are continuously running queries. This means that even if you have sent us all your data and queries, you may still not be at 100%. Thank you for your patience!

**MACS Primary Data Report**  
**Forms Returned and Queries Resolved**  
**(Entry, Treatment, Delivery, Maternal, Neonatal)**

<i>Country</i>	<i>Centre</i>	<i># Patients Recruited</i>	<i>% Cases with all Forms Returned</i>	<i>% Cases with all Forms returned and Queries Resolved</i>
ARGENTINA	Hospital Penna, Bahia Blanca	204	<b>98%</b>	<b>91%</b>
	Hospital Posadas, Buenos Aires	60	<b>86%</b>	<b>76%</b>
	Hospital JR Vidal, Corrientes	44	<b>90%</b>	<b>45%</b>
	Ramon Carrillo, Santiago del Estero	38	<b>100%</b>	<b>97%</b>
	LC Lagomaggiore, Mendoza	33	<b>100%</b>	<b>96%</b>
	Hospital Sarda, Buenos Aires	23	<b>100%</b>	<b>86%</b>
	Hospital Angela Iglesia de Llano, Corrientes	18	<b>100%</b>	<b>55%</b>
	Hospital Italiano, Buenos Aires	15	<b>100%</b>	<b>100%</b> <b>Congratulations!</b>
	Hospital JM Cullen, Santa Fe	6	<b>100%</b>	<b>50%</b>
	Ramos Mejia, Buenos Aires	5	<b>100%</b>	<b>100%</b> <b>Congratulations!</b>
	Hospital Italiano de La Plata, La Plata	3	<b>66%</b>	<b>66%</b>
Hospital Fiorito, Avellaneda	2	<b>100%</b>	<b>0%</b>	
BOLIVIA	Instituto de Salud Reproductiva/UDIME, Santa Cruz	14	<b>64%</b>	<b>35%</b>
BRAZIL	Hospital Geral, Caxias do Sul	8	<b>100%</b>	<b>100%</b> <b>Congratulations!</b>
	UFSC, Florianopolis	8	<b>0%</b>	<b>0%</b>
	Maternidade Escola - UFRJ, Rio de Janeiro	5	<b>100%</b>	<b>20%</b>
	Materno Infantil, Goiania	4	<b>100%</b>	<b>0%</b>
CANADA	Mount Sinai, Toronto	89	<b>97%</b>	<b>89%</b>
	Royal Alexandra, Edmonton	46	<b>100%</b>	<b>97%</b>
	IWK Health Centre, Halifax	36	<b>100%</b>	<b>97%</b>
	St Boniface General, Winnipeg	28	<b>100%</b>	<b>100%</b> <b>Congratulations!</b>
	Regina General Hospital, Regina	26	<b>100%</b>	<b>92%</b>
	Royal University, Saskatoon	26	<b>100%</b>	<b>100%</b> <b>Congratulations!</b>
	CHUS Fleurimont, Sherbrooke	25	<b>100%</b>	<b>100%</b> <b>Congratulations!</b>
	Children's & Women's Health Centre of BC, Vancouver	22	<b>100%</b>	<b>100%</b> <b>Congratulations!</b>
	Sunnybrook Health Sciences Centre, Toronto	20	<b>80%</b>	<b>65%</b>
	North Bay General, North Bay	17	<b>100%</b>	<b>100%</b> <b>Congratulations!</b>
Dr Everett Chalmers Regional, Fredericton	7	<b>100%</b>	<b>100%</b> <b>Congratulations!</b>	
CHILE	Sotero del Rio, Puente Alto	92	<b>94%</b>	<b>78%</b>
	Universidad Catolica, Santiago	33	<b>100%</b>	<b>93%</b>
	Hospital Clinico San Borja Arriaran, Santiago	23	<b>91%</b>	<b>69%</b>
CHINA	Peace Maternity, Shanghai	4	<b>100%</b>	<b>100%</b> <b>Congratulations!</b>
COLOMBIA	CEMIYA, Cali	85	<b>98%</b>	<b>82%</b>
	Universidad del Norte, Barranquilla	6	<b>100%</b>	<b>0%</b>
DENMARK	Aarhus University, Aarhus	35	<b>100%</b>	<b>100%</b> <b>Congratulations!</b>
GERMANY	Klinikum Nurnberg Sud, Nurnberg	35	<b>97%</b>	<b>88%</b>
	CUB - Benjamin Franklin, Berlin	16	<b>100%</b>	<b>87%</b>
	University of Marburg, Marburg	14	<b>100%</b>	<b>100%</b> <b>Congratulations!</b>
	Helios Klinikum, Erfurt	13	<b>92%</b>	<b>76%</b>

<i>Country</i>	<i>Centre</i>	<i># Patients Recruited</i>	<i>% Cases with all Forms Returned</i>	<i>% Cases with all Forms returned and Queries Resolved</i>	
	St Hedwig Hospital, Regensburg	7	100%	100%	<b>Congratulations!</b>
	Dr Horst-Schmidt-Kliniken, Wiesbaden	5	100%	100%	<b>Congratulations!</b>
	University of Leipzig, Leipzig	5	80%	60%	
	University Women's Hospital, Homburg	5	100%	80%	
	TU Munchen, Munchen	3	100%	66%	
	Bonn University, Bonn	1	0%	0%	
	MHH Hannover, Hannover	1	100%	100%	<b>Congratulations!</b>
<b>HUNGARY</b>					
	University of Debrecen, Debrecen	45	100%	100%	<b>Congratulations!</b>
<b>ISRAEL</b>					
	Haemek, Afula	58	98%	89%	
	Rabin, Petach Tikva	37	89%	81%	
	Edith Wolfson, Holon	34	100%	100%	<b>Congratulations!</b>
	Ma'ayne Hayeshua Medical Center, Bnei Brak	32	96%	81%	
	Meir Hospital, Kfar-Saba	26	92%	80%	
	Soroka, Beer Sheva	15	93%	86%	
	Bnai Zion, Haifa	12	100%	100%	<b>Congratulations!</b>
	Hadassah Ein Kerem, Jerusalem	4	100%	100%	<b>Congratulations!</b>
	Poriya Government, Tiberias	3	100%	100%	<b>Congratulations!</b>
	Sheba Medical Center, Ramat-Gan	2	100%	100%	<b>Congratulations!</b>
<b>JORDAN</b>					
	Islamic, Amman	15	100%	100%	<b>Congratulations!</b>
<b>PERU</b>					
	Hospital Nacional Cayetano Heredia, Lima	2	100%	100%	<b>Congratulations!</b>
<b>POLAND</b>					
	University School of Medical Sciences, Poznan	108	82%	79%	
	Polish Mothers Memorial Hospital, Lodz	66	93%	93%	
	Medical University of Gdansk, Gdansk	56	100%	100%	<b>Congratulations!</b>
<b>RUSSIAN FEDERATION</b>					
	Research Centre of Obs, Gyn & Perinatology, Moscow	15	100%	100%	<b>Congratulations!</b>
	Research Institute, Ivanovo	3	100%	100%	<b>Congratulations!</b>
<b>SPAIN</b>					
	University of Barcelona Hospital Clinic, Barcelona	21	100%	90%	
<b>SWITZERLAND</b>					
	University Women's Hospital, Basel	14	100%	100%	<b>Congratulations!</b>
	CHU Vaudois, Lausanne	9	100%	77%	
	University Hospital, Zurich	4	100%	100%	<b>Congratulations!</b>
<b>THE NETHERLANDS</b>					
	Academisch Ziekenhuis, Maastricht	8	100%	87%	
	Atrium Medical Center, Heerlen	1	100%	100%	<b>Congratulations!</b>
<b>UK</b>					
	Diana, Princess of Wales, Grimsby	4	75%	0%	
	Royal Free, London	2	100%	100%	<b>Congratulations!</b>
	The Queen Elizabeth Hospital, King's Lynn	2	100%	100%	<b>Congratulations!</b>
<b>USA</b>					
	Montefiore Medical Center, Bronx	27	88%	85%	
	University of Illinois, Chicago	7	100%	85%	
	Bethesda, Cincinnati	5	100%	100%	<b>Congratulations!</b>
	Baystate Medical Center, Springfield	2	100%	100%	<b>Congratulations!</b>
	Good Samaritan Hospital, Cincinnati	2	50%	50%	
	Albany Medical Center, Albany	1	100%	100%	<b>Congratulations!</b>
	Winthrop, Mineola	1	100%	100%	<b>Congratulations!</b>
<b>Total:</b>		1858	95 %	86 %	

### BABY ANNOUNCEMENT

Please join us in congratulating Laura Tomat on the birth of her son Tomas Winter Rubinstein on December 21, 2006.

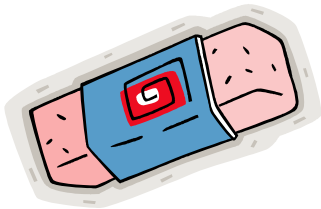


Laura and Tommy are doing very well!

Laura will be greatly missed over the next few months and we all look forward to her return.

### 18-24 MONTH FOLLOW-UP

Follow-up is ongoing! Let's keep up the great work and reach 100% for 2003 and 2004!



Remember to remove your patients' names and include the study numbers on the BSID-II cover sheets before sending them to us.

### SUPPLIES

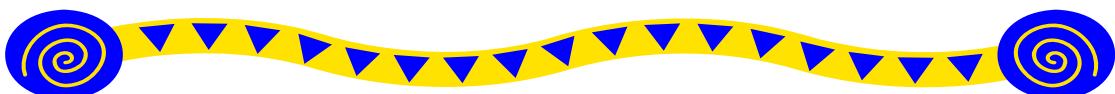
Please remember to contact us if you need any more data booklets. You can reach us many ways:



- By Phone - 1-416-351-2530
- By Fax - 1-416-351-2531
- By Email - [macs@sw.ca](mailto:macs@sw.ca)
- By Mail - MACS Data Coordinating Centre, MIRU  
7<sup>th</sup> Floor, 790 Bay Street  
Toronto, ON Canada M5G 1N8

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We hope everyone had a very nice holiday season!!!



## 18-24 Month Follow-up of MACS Babies



The MACS 18-24 Month Follow-up is displayed in the following table.  
Centres are listed according to the total number of recruits by country.  
See below for the number of follow-up assessments performed by your centre!

**Let's aim for 100% follow-up for 2003 & 2004!!**

Follow-Up Status	2001		2002		2003		2004		2005		2006		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	# Recruited	# Complete Follow-Up
<b>As of December 2006</b>														
<b>COUNTRY</b>														
ARGENTINA					2	2	145	108	190	4	114		451	114
CANADA	29	29	67	63	66	64	68	45	60	3	52		342	204
POLAND			70	67	76	66	39	16	32		13		230	149
ISRAEL	20	20	50	45	56	46	57	12	32		8		223	123
CHILE			20	16	23	22	38	26	34		33		148	64
GERMANY			2	2	33	26	40	21	17		13		105	49
COLOMBIA							35	22	31	3	25		91	25
HUNGARY			17	16	14	9	11	7	3				45	32
USA	8	7	9	3	14	4	10	4	3		1		45	18
DENMARK	9	9	13	13	5	5	6		2				35	27
SWITZERLAND	3	3	6	6	8	7	5	4	3		2		27	20
BRAZIL					3	3	4	4			18		25	7
SPAIN					3	3	7	5	4		7		21	8
RUSSIAN FEDERATION					1	1	10	10	1		6		18	11
JORDAN					12	2	3						15	2
BOLIVIA							8		1		5		14	
THE NETHERLANDS					5	5	1	1	2		1		9	6
UK					1	1	3	1			4		8	2
CHINA							4	4					4	4
PERU									1		1		2	
<b>Total</b>	<b>69</b>	<b>68</b>	<b>254</b>	<b>231</b>	<b>322</b>	<b>266</b>	<b>494</b>	<b>290</b>	<b>416</b>	<b>10</b>	<b>303</b>		<b>1858</b>	<b>865</b>
			<b>98.6%</b>	<b>90.9%</b>		<b>82.6%</b>		<b>58.7%</b>		<b>2.4%</b>				<b>47%</b>

### CENTRES BY COUNTRY

(Shaded area is prior to start-up)

#### ARGENTINA

Hospital Penna, Bahia Blanca							71	63	95	2	38		204	65
Hospital Posadas, Buenos Aires					2	2	18	14	20	1	20		60	17
Hospital JR Vidal, Corrientes							8		21		15		44	
Ramon Carrillo, Santiago del Estero							11	11	18		9		38	11
LC Lagomaggiore, Mendoza							15	10	14		4		33	10
Hospital Sarda, Buenos Aires							5	5	14		4		23	5
Hospital Angela Iglesia de Llano, Corrientes											18		18	
Hospital Italiano, Buenos Aires							7	5	8	1			15	6
Hospital JM Cullen, Santa Fe											6		6	
Ramos Mejia, Buenos Aires							5						5	
Hospital Italiano de La Plata, La Plata							3						3	
Hospital Florito, Avellaneda							2						2	

#### CANADA

Mount Sinai, Toronto	9	9	18	15	11	10	22	10	17		12		89	44
Royal Alexandra, Edmonton	2	2	8	8	11	11	10	7	11	2	4		46	30
IWK Health Centre, Halifax			5	5	12	12	5	5	5		9		36	22
St Boniface General, Winnipeg			5	5	6	6	6	6	8		3		28	17
Regina General Hospital, Regina			5	5	1	1	4	3	5		11		26	9
Royal University, Saskatoon	8	8	9	9	6	6	2	2	1				26	25
CHUS Fleurimont, Sherbrooke	3	3	9	8	5	5	7	5	1				25	21
Children's & Women's Health Centre of BC, Vancouver	7	7	5	5	4	4	2				2		22	16
Sunnybrook Health Sciences Centre, Toronto			3	3	5	5			3		9		20	8
North Bay General, North Bay					5	4	7	5	4		1		17	9
Dr Everett Chalmers Regional, Fredericton							3	2	3	1	1		7	3

#### POLAND

Univ School of Medicine, Poznan			35	35	30	26	22	4	14		7		108	65
Polish Mothers Memorial Hospital, Lodz			21	19	19	16	8	5	14		4		66	40
Medical University of Gdansk, Gdansk			14	13	27	24	9	7	4		2		56	44

#### ISRAEL

Haemek, Afula			10	9	11	9	26	2	11				58	20
Rabin, Petach Tikva	9	9	10	9	8	8	5	2	4		1		37	28
Edith Wolfson, Holon			8	7	15	15	5	2	5		1		34	24
Ma'ayney Hayeshua Medical Center, Bnei Brak	7	7	1	1	9	9	5	2	7		3		32	19
Meir Hospital, Kfar-Saba			3	2	5		11		4		3		26	2
Soroka, Beer Sheva	1	1	12	12	1	1	1						15	14
Bnai Zion, Haifa	3	3	3	3	5	4	1	1					12	11
Hadassah Ein Kerem, Jerusalem							3	3	1				4	3
Poriya Government, Tiberias			3	2									3	2
Sheba Medical Center, Ramat-Gan					2								2	

#### CHILE

Sotero del Rio, Puente Alto			16	12	12	11	27	19	16		21		92	42
Universidad Catolica, Santiago			4	4	11	11	6	5	5		7		33	20

Follow-Up Status	2001		2002		2003		2004		2005		2006		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	# Recruited	# Complete Follow-Up
<b>As of December 2006</b>														
Hospital Clinico San Borja Arriaran, Santiago							5	2	13		5		23	2

**GERMANY**

Klinikum Nurnberg Sud, Nurnberg			2	2	15	14	9	7	3		6		35	23
CUB - Benjamin Franklin, Berlin					10	7	3		3				16	7
University of Marburg, Marburg					2	2	6		4		2		14	2
Helios Klinikum, Erfurt							6	3	2		5		13	3
St Hedwig Hospital, Regensburg					2	2	4	4	1				7	6
University of Leipzig, Leipzig					2		3						5	
Dr Horst-Schmidt-Kliniken, Wiesbaden							2	2	3				5	2
University Women's Hospital, Homburg							4	4	1				5	4
TU Munchen, Munchen					1		2	1					3	1
Bonn University, Bonn							1						1	
MHH Hannover, Hannover					1	1							1	1

**COLOMBIA**

CEMIYA, Cali							35	22	25	3	25		85	25
Universidad del Norte, Barranquilla									6				6	

**USA**

Montefiore Medical Center, Bronx	7	7	6	2	9	3	4	2	1				27	14
University of Illinois, Chicago							4	2	2		1		7	2
Bethesda, Cincinnati			2	1	2		1						5	1
Good Samaritan Hospital, Cincinnati			1		1								2	
Baystate Medical Center, Springfield					2	1							2	1
Albany Medical Center, Albany	1												1	
Winthrop, Mineola							1						1	

**HUNGARY**

University of Debrecen, Debrecen			17	16	14	9	11	7	3				45	32
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**DENMARK**

Aarhus University, Aarhus	9	9	13	13	5	5	6		2				35	27
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**SWITZERLAND**

University Women's Hospital, Basel			2	2	8	7	3	3	1				14	12
CHU Vaudois, Lausanne	3	3	4	4			1		1				9	7
University Hospital, Zurich							1	1	1		2		4	1

**BRAZIL**

UFSC, Florianopolis											8		8	
Hospital Geral, Caxias do Sul					3	3	4	4			1		8	7
Maternidade Escola - UFRJ, Rio de Janeiro											5		5	
Materno Infantil, Goiania											4		4	

**SPAIN**

University of Barcelona Hospital Clinic, Barcelona					3	3	7	5	4		7		21	8
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**RUSSIAN FEDERATION**

Research Centre of Obs, Gyn & Perinatology, Moscow					1	1	7	7	1		6		15	8
Research Institute, Ivanovo							3	3					3	3

**JORDAN**

Islamic, Amman					12	2	3						15	2
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**BOLIVIA**

Instituto de Salud Reproductiva/UDIME, Santa Cruz							8		1		5		14	
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**THE NETHERLANDS**

Academisch Ziekenhuis, Maastricht					4	4	1	1	2		1		8	5
Atrium Medical Center, Heerlen					1	1							1	1

**UK**

Diana, Princess of Wales, Grimsby											4		4	
The Queen Elizabeth Hospital, King's Lynn					1	1	1	1					2	2
Royal Free, London							2						2	

**CHINA**

Peace Maternity, Shanghai							4	4					4	4
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**PERU**

Hospital Nacional Cayetano Heredia, Lima									1		1		2	
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