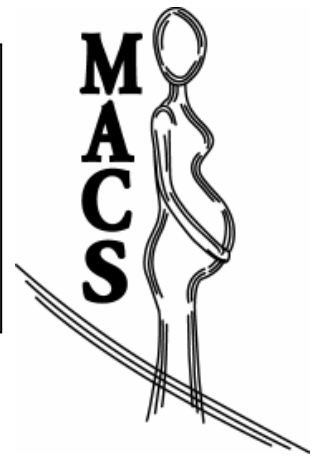


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# MACS news



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## DATA CAMPAIGN

**93% Cases with all Primary Data Forms Returned**  
**85% Cases with all Forms Returned and Queries Resolved**



We really appreciate all of your efforts to return the primary data.

Remember, we need your help to reach 100% before we can begin the analysis. The meeting to present the results is planned for September 2007. Thanks again for your hard work in helping us reach this goal!!!

## 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	Research Centre of Obs, Gyn & Perinatology, Moscow
Children's & Women's Health Centre of BC, Vancouver	Research Institute, Ivanovo
North Bay General, North Bay	University Women's Hospital, Basel
Dr Everett Chalmers Regional, Fredericton	University Hospital, Zurich
Peace Maternity, Shanghai	Atrium Medical Center, Heerlen
Aarhus University, Aarhus	Royal Free, London
University of Marburg, Marburg	The Queen Elizabeth Hospital, King's Lynn
St Hedwig Hospital, Regensburg	Bethesda, Cincinnati
Dr Horst-Schmidt-Kliniken, Wiesbaden	Baystate Medical Center, Springfield
MHH Hannover, Hannover	Albany Medical Center, Albany
University of Debrecen, Debrecen	Winthrop, Mineola
Bnai Zion, Haifa	

It is possible that the % queries resolved may decrease at any given point. This may happen because logic checks and queries are ongoing until all the forms are returned and checked.

**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>93%</b>	<b>90%</b>
	Hospital Posadas, Buenos Aires	60	<b>85%</b>	<b>73%</b>
	Hospital JR Vidal, Corrientes	44	<b>90%</b>	<b>45%</b>
	Ramon Carrillo, Santiago del Estero	38	<b>100%</b>	<b>94%</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>94%</b>	<b>38%</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>60%</b>	<b>20%</b>
	Materno Infantil, Goiania	4	<b>100%</b>	<b>0%</b>
CANADA	Mount Sinai, Toronto	89	<b>93%</b>	<b>82%</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>88%</b>	<b>84%</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>70%</b>	<b>70%</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>80%</b>
	Universidad Catolica, Santiago	33	<b>81%</b>	<b>78%</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>91%</b>	<b>80%</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>88%</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%	97%	
	Ma'ayney 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%	77%	
	Polish Mothers Memorial Hospital, Lodz	66	93%	93%	
	Medical University of Gdansk, Gdansk	56	98%	98%	
<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	95%	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	<b>93 %</b>	<b>85 %</b>	

## FOR YOUR INTEREST



There are two recent articles on corticosteroid use in pregnancy:

- Neonatal respiratory distress syndrome after repeat exposure to antenatal corticosteroids: a randomised controlled trial.  
Crowther et al. *The Lancet* - Vol. 367, Issue 9526,  
10 June 2006, Pages 1913-1919 ([www.thelancet.com](http://www.thelancet.com))
- Single versus weekly courses of antenatal corticosteroids: Evaluation of safety and efficacy.  
Wapner et al. *The American Journal of Obstetrics and Gynecology*  
Vol. 195, September 2006, Pages 633-642 ([www.ajog.org](http://www.ajog.org))



Please look for these articles online. If you cannot access them, email us at [macs@sw.ca](mailto:macs@sw.ca).

## 18-24 MONTH FOLLOW-UP



Do you have questions about scoring the BSID-II? Please contact us and we can send a colour-coded guide that may help.

Let's keep up the hard work and try to reach 100% follow up for 2003 and 2004!!!



We wish everyone a very happy holiday season.  
All the best in the New Year!!

## 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 November 2006</b>														
<b>COUNTRY</b>														
ARGENTINA					2	2	145	97	190	1	114		451	100
CANADA	29	29	67	63	66	64	68	44	60	1	52		342	201
POLAND			70	67	76	66	39	14	32		13		230	147
ISRAEL	20	20	50	45	56	46	57	12	32		8		223	123
CHILE			20	16	23	22	38	24	34		33		148	62
GERMANY			2	1	33	25	40	20	17		13		105	46
COLOMBIA							35	17	31	1	25		91	18
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	3	3		2		27	19
BRAZIL					3	3	4	4			18		25	7
SPAIN					3	3	7	4	4		7		21	7
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	3					4	3
PERU									1		1		2	
<b>Total</b>	<b>69</b>	<b>68</b>	<b>254</b>	<b>230</b>	<b>322</b>	<b>265</b>	<b>494</b>	<b>265</b>	<b>416</b>	<b>3</b>	<b>303</b>		<b>1858</b>	<b>831</b>
			98.6%	90.6%	82.3%	53.6%	0.7%						45%	

### CENTRES BY COUNTRY

(Shaded area is prior to start-up)

#### ARGENTINA

Hospital Penna, Bahia Blanca							71	55	95		38		204	55
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	7	14		4		33	7
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				15	5
Hospital JM Cullen, Santa Fe											6		6	
Ramos Mejia, Buenos Aires							5						5	
Hospital Italiano de La Plata, La Plata							3						3	
Hospital Fiorito, 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		4		46	28
IWK Health Centre, Halifax			5	5	12	12	5	4	5		9		36	21
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		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	5	4		2		56	42

#### 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	18	16		21		92	41
Universidad Catolica, Santiago			4	4	11	11	6	4	5		7		33	19

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 November 2006</b>														
Hospital Clinico San Borja Arriaran, Santiago							5	2	13		5		23	2

#### GERMANY

Klinikum Nurnberg Sud, Nurnberg			2	1	15	13	9	6	3		6		35	20
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	17	25	1	25		85	18
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		2		4	

#### 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	4	4		7		21	7
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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	3					4	3
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#### PERU

Hospital Nacional Cayetano Heredia, Lima									1		1		2	
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