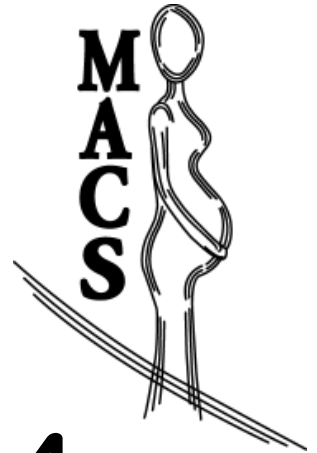


September 30, 2004  
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# MACS news



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## Overall Total: 1014

## Total this month: 52

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**Congratulations** to all of our collaborators! We have now recruited over 1000 patients into MACS!

### 18-24 Month Follow-up

The 18-24 Month Follow-up for 2001 is now complete and we have reached 98.6%! We would like to thank all of the centres that have worked so hard to make the follow-up a great success. Let's move ahead to achieve 100% follow-up for 2002!

### Interim Analysis

We have now almost reached the final process of cleaning and checking the data. We would like to thank the centres that have returned all of their data and urge anyone with outstanding items to send them back by courier immediately!

As of September 30, 2004 there are still 43 of the first 800 cases for which all of the data booklets (*Entry, Treatment, Delivery, Maternal and Neonatal*) have not been received.

We will be sending a summary of all outstanding data and queries to our active centres every 2 weeks!





Let's welcome our newest MACS centre:  
*Royal United, Bath, UK*

### MUGS THIS MONTH

MACS mugs are on their way to the following centres, who have recruited 5 more women into the study:

Hospital Penna (*Bahia Blanca, ARGENTINA*)  
 Posadas (*Buenos Aires, ARGENTINA*)  
 Ramos Mejia (*Buenos Aires, ARGENTINA*)  
 Ramon Carrillo (*Santiago del Estero, ARGENTINA*)  
 UDIME (*Santa Cruz, BOLIVIA*)  
 Royal University (*Saskatoon, CANADA*)  
 Sotero del Rio (*Puente Alto, CHILE*)  
 University of Leipzig (*Leipzig, GERMANY*)  
 Haemek (*Afula, ISRAEL*)  
 Soroka (*Beer Sheva, ISRAEL*)  
 University School of Medical Sciences (*Poznan, POLAND*)

A mug is also on its way to the following hospitals for reaching their annual goal:

Posadas (*Buenos Aires, ARGENTINA*)  
 UDIME (*Santa Cruz, BOLIVIA*)  
 University of Marburg (*Marburg, GERMANY*)



### Meetings

#### Colombia

Sarah Dyer and Emily Karahalios held a MACS Collaborators' meeting in Cali, Colombia on September 30th. Sarah and Emily would like to extend their thanks to all of the collaborators in Colombia who attended the meeting and special thanks to Dr Ivan Ortiz for all his help with organizing this visit.



#### Canada

We would also like to thank all of our Canadian Collaborators who joined the Canadian Teleconference that was held on September 16<sup>th</sup>!





as of September 30, 2004

COUNTRY	Annual Goal	Apr - Dec 2001	Jan - Dec 2002	Jan - Jun 2003	Jul - Dec 2003	Jan - Jun 2004	July 2004	Aug 2004	Sept 2004	Grand Total
	CANADA	142	29	67	33	33	46	5	3	2
POLAND	37		70	51	25	17	4	2	7	176
ISRAEL	178	20	50	28	28	32	4	3	6	171
ARGENTINA	123				2	33	26	15	20	96
CHILE	61		20	14	9	23	1	3	3	73
GERMANY	73		2	12	21	23	3		3	64
HUNGARY	9		17	8	6	7	1	1		40
USA	50	8	9	11	3	5	1	1	1	39
DENMARK	15	9	13	4	1	3			1	31
COLOMBIA	26					17	2	7	2	28
SWITZERLAND	10	3	6	3	5	3	1			21
JORDAN	23			6	6	3				15
SPAIN	10				3	4	1	1		9
RUSSIAN FEDERATION	15				1	6			1	8
BRAZIL	5				3	4				7
THE NETHERLANDS	11			2	3	1				6
BOLIVIA	3								5	5
CHINA	18					3	1			4
UK	14				1	1			1	3
<b>Total</b>	<b>823</b>	<b>69</b>	<b>254</b>	<b>172</b>	<b>150</b>	<b>231</b>	<b>50</b>	<b>36</b>	<b>52</b>	<b>1014</b>

## CENTRES BY COUNTRY

(Shaded area is prior to start-up)

## CANADA

Mount Sinai, Toronto	23	9	18	3	8	16	2	1		57
Royal Alexandra, Edmonton	14	2	8	7	4	4	1	1		27
Royal University, Saskatoon	13	8	9	4	2			1	1	25
CHUS Fleurimont, Sherbrooke	10	3	9	2	3	6			1	24
IWK Health Centre, Halifax	16		5	7	5	3	1			21
BC Women's, Vancouver	24	7	5	2	2	1				17
St Boniface General, Winnipeg	13		5	2	4	6				17
North Bay General, North Bay	3			1	4	5	1			11
Regina General, Regina	10		5		1	3				9
Sunnybrook & Women's College, Toronto	12		3	5						8
Dr Everett Chalmers Regional, Fredericton	4					2				2

## POLAND

Univ School of Medicine, Poznan	18		35	17	13	5	1	1	7	79
Med Univ of Gdansk, Gdansk	5		14	17	10	5	3	1		50
Res Inst at Polish Mothers Memorial, Lodz	14		21	17	2	7				47

## ISRAEL

Haemek, Afula	13		10	4	7	11	3	1	4	40
Rabin, Petach Tikva	26	9	10	6	2	3				30
Edith Wolfson, Holon	12		8	9	6	4				27
Ma'ayne Hayeshua, Bnei Brak	16	7	1	4	5	2		1	1	21
Meir, Kfar-Saba	18		3		5	10				18
Soroka, Beer Sheva	38	1	12	1					1	15
Bnai Zion, Haifa	13	3	3	4	1	1				12
Hadassah Ein Kerem, Jerusalem	13					1	1	1		3
Poriya Government, Tiberias	7		3							3
Sheba Medical Center, Ramat-Gan	22				2					2

## ARGENTINA

Hospital Penna, Bahia Blanca	10					18	15	7	5	45
Posadas, Buenos Aires	13				2	7	5		2	16
LC Lagomaggiore, Mendoza	26					3	2	1	3	9
Ramon Carrillo, Santiago del Estero	20						3	1	3	7
Ramos Mejia, Buenos Aires	4							4	1	5
Hospital Italiano, Buenos Aires	6								4	4
Hospital Sarda, Buenos Aires	22					4				4
Hospital Italiano, La Plata	4				1	1	1	1		3
Hospital J.R. Vidal, Corrientes	13								2	2
Hospital Fiorito, Avellaneda	5							1		1

## CHILE

Sotero del Rio, Puente Alto	26		16	6	6	15	1	3	3	50
Universidad Catolica, Santiago	9		4	8	3	5				20

Annual Goal	Apr - Dec 2001	Jan - Dec 2002	Jan - Jun 2003	Jul - Dec 2003	Jan - Jun 2004	July 2004	Aug 2004	Sept 2004	Grand Total
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#### CHILE

Hospital Clinico San Borja Arriaran, Santiago	26				3				3
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#### GERMANY

Klinikum Nurnburg Sud, Nurnburg	15		2	9	6	6			23
Benjamin Franklin, Berlin	15			3	7	2		1	13
University of Marburg, Marburg	4				2	1	2		6
University of Leipzig, Leipzig	5				2	2		1	5
Helios Klinikum, Erfurt	5					3	1		4
St Hedwig Hospital, Regensburg	4				2	2			4
University Women's Hospital, Homburg	5					3			3
TU Munchen, Munchen	4				1	1			2
Dr Horst-Schmidt-Kliniken, Wiesbaden	8					2			2
Bonn University, Bonn	3					1			1
MHH Hannover, Hannover	5				1				1

#### HUNGARY

University of Debrecen, Debrecen	9		17	8	6	7	1	1	40
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#### USA

Montefiore Medical Center, Bronx	13	7	6	7	2	2		1	1	26
Bethesda, Cincinnati	13		2	1	1	1				5
University of Illinois, Chicago	8					1	1			2
Winthrop, Mineola	16					1				1
Centres that are no longer recruiting	0									5

#### DENMARK

Aarhus University, Aarhus	15	9	13	4	1	3			1	31
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#### COLOMBIA

CEMIYA, Cali	26					17	2	7	2	28
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#### SWITZERLAND

University Women's Hospital, Basel	5		2	3	5	3				13
CHU Vaudois, Lausanne	5	3	4				1			8

#### JORDAN

Islamic, Amman	23			6	6	3				15
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#### SPAIN

UB Hospital Clinic, Barcelona	10				3	4	1	1		9
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#### RUSSIAN FEDERATION

Research Centre of Obs, Gyn & Perinatology, Moscow	5				1	6			1	8
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#### BRAZIL

Hospital Geral, Caxias do Sul	5				3	4				7
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#### THE NETHERLANDS

Academisch Ziekenhuis, Maastricht	5			1	3	1				5
Atrium, Heerlen	6			1						1

#### BOLIVIA

UDIME, Santa Cruz	3								5	5
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#### CHINA

Peace Maternity, Shanghai	18					3	1			4
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#### UK

The Queen Elizabeth Hospital, King's Lynn	5				1	1				2
Royal Free, London	9								1	1

Centres awaiting first patient: [COUNTRY: Hospital, City (annual goal)] [month/year start-up package sent]

RUSSIAN FEDERATION: Research Institute, Ivanovo (10) [05/04]. UK: Forth Park, Kirkcaldy (10) [10/03]; Queen Mothers Hospital, Glasgow (13) [06/04].



Quote of the Month:

**“Never, never, never give up.”**

**Keep up the Good Work!**

Winston Churchill

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

The status of the MACS 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 for 2002!!**

Follow-Up Status	2001		2002		2003		2004		Totals	
	#Recruited	# Complete Follow-Up	#Recruited	# Complete Follow-Up	#Recruited	# Complete Follow-Up	#Recruited	# Complete Follow-Up	#Recruited	# Complete Follow-Up
<b>As of September 2004</b>										
<b>COUNTRY</b>										
CANADA	29	29	67	40	66		56		218	69
POLAND			70	11	76		30		176	11
ISRAEL	20	20	50	26	56		45		171	46
ARGENTINA					2		94		96	
CHILE			20	2	23		30		73	2
GERMANY			2		33		29		64	
HUNGARY			17	1	14		9		40	1
USA	8	7	9		14		8		39	7
DENMARK	9	9	13		5		4		31	9
COLOMBIA							28		28	
SWITZERLAND	3	3	6	3	8		4		21	6
JORDAN					12		3		15	
SPAIN					3		6		9	
RUSSIAN FEDERATION					1		7		8	
BRAZIL					3		4		7	
THE NETHERLANDS					5		1		6	
BOLIVIA							5		5	
CHINA							4		4	
UK					1		2		3	
<b>Total</b>	<b>69</b>	<b>68</b>	<b>254</b>	<b>83</b>	<b>322</b>		<b>369</b>		<b>1014</b>	<b>151</b>
		<b>98.6%</b>		<b>32.7%</b>						<b>15%</b>

### CENTRES BY COUNTRY

(Shaded area is prior to start-up)

#### CANADA

Mount Sinai, Toronto	9	9	18	8	11		19		57	17
Royal Alexandra, Edmonton	2	2	8	7	11		6		27	9
Royal University, Saskatoon	8	8	9	4	6		2		25	12
CHUS Fleurimont, Sherbrooke	3	3	9	5	5		7		24	8
IWK Health Centre, Halifax			5	4	12		4		21	4
BC Women's, Vancouver	7	7	5	5	4		1		17	12
St Boniface General, Winnipeg			5	4	6		6		17	4
North Bay General, North Bay					5		6		11	
Regina General, Regina			5	3	1		3		9	3
Sunnybrook & Women's College, Toronto			3		5				8	
Dr Everett Chalmers Regional, Fredericton							2		2	

#### POLAND

Univ School of Medicine, Poznan			35	6	30		14		79	6
Med Univ of Gdansk, Gdansk			14	3	27		9		50	3
Res Inst at Polish Mothers Memorial, Lodz			21	2	19		7		47	2

#### ISRAEL

Haemek, Afula			10	5	11		19		40	5
Rabin, Petach Tikva	9	9	10	4	8		3		30	13
Edith Wolfson, Holon			8	2	15		4		27	2
Ma'ayne Hayeshua, Bnei Brak	7	7	1	1	9		4		21	8
Meir, Kfar-Saba			3		5		10		18	
Soroka, Beer Sheva	1	1	12	10	1		1		15	11
Bnai Zion, Haifa	3	3	3	3	5		1		12	6
Hadassah Ein Kerem, Jerusalem							3		3	
Poriya Government, Tiberias			3	1					3	1
Sheba Medical Center, Ramat-Gan					2				2	

#### ARGENTINA

Hospital Penna, Bahia Blanca							45		45	
Posadas, Buenos Aires					2		14		16	
LC Lagomaggiore, Mendoza							9		9	
Ramon Carrillo, Santiago del Estero							7		7	
Ramos Mejia, Buenos Aires							5		5	
Hospital Italiano, Buenos Aires							4		4	
Hospital Sarda, Buenos Aires							4		4	
Hospital Italiano, La Plata							3		3	
Hospital J.R. Vidal, Corrientes							2		2	

Follow-Up Status	2001		2002		2003		2004		Totals	
	#Recruited	# Complete Follow-Up	#Recruited	# Complete Follow-Up	#Recruited	# Complete Follow-Up	#Recruited	# Complete Follow-Up	#Recruited	# Complete Follow-Up
<b>As of September 2004</b>										
<b>ARGENTINA</b>										
Hospital Fiorito, Avellaneda							1		1	
<b>CHILE</b>										
Sotero del Rio, Puente Alto			16	2	12		22		50	2
Universidad Catolica, Santiago			4		11		5		20	
Hospital Clinico San Borja Arriaran, Santiago							3		3	
<b>GERMANY</b>										
Klinikum Nurnburg Sud, Nurnburg			2		15		6		23	
Benjamin Franklin, Berlin					10		3		13	
University of Marburg, Marburg					2		4		6	
University of Leipzig, Leipzig					2		3		5	
Helios Klinikum, Erfurt							4		4	
St Hedwig Hospital, Regensburg					2		2		4	
University Women's Hospital, Homburg							3		3	
TU Munchen, Munchen					1		1		2	
Dr Horst-Schmidt-Kliniken, Wiesbaden							2		2	
Bonn University, Bonn							1		1	
MHH Hannover, Hannover					1				1	
<b>HUNGARY</b>										
University of Debrecen, Debrecen			17	1	14		9		40	1
<b>USA</b>										
Montefiore Medical Center, Bronx	7	7	6		9		4		26	7
Bethesda, Cincinnati			2		2		1		5	
University of Illinois, Chicago							2		2	
Good Samaritan, Cincinnati			1		1				2	
Baystate Medical Center, Springfield					2				2	
Winthrop, Mineola							1		1	
Albany Medical Center, Albany	1								1	
<b>DENMARK</b>										
Aarhus University, Aarhus	9	9	13		5		4		31	9
<b>COLOMBIA</b>										
CEMIYA, Cali							28		28	
<b>SWITZERLAND</b>										
University Women's Hospital, Basel			2		8		3		13	
CHU Vaudois, Lausanne	3	3	4	3			1		8	6
<b>JORDAN</b>										
Islamic, Amman					12		3		15	
<b>SPAIN</b>										
UB Hospital Clinic, Barcelona					3		6		9	
<b>RUSSIAN FEDERATION</b>										
Research Centre of Obs, Gyn & Perinatology, Moscow					1		7		8	
<b>BRAZIL</b>										
Hospital Geral, Caxias do Sul					3		4		7	
<b>THE NETHERLANDS</b>										
Academisch Ziekenhuis, Maastricht					4		1		5	
Atrium, Heerlen					1				1	
<b>BOLIVIA</b>										
UDIME, Santa Cruz							5		5	
<b>CHINA</b>										
Peace Maternity, Shanghai							4		4	
<b>UK</b>										
The Queen Elizabeth Hospital, King's Lynn					1		1		2	
Royal Free, London							1		1	