

Noticias **News** Nouvelles

Volume 5 Issue 1 1999

January 31,

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

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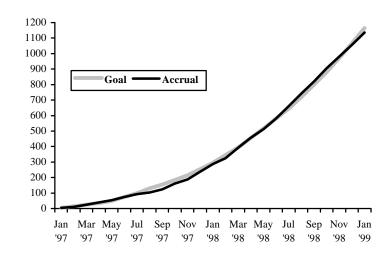
website: www.utoronto.ca/breech

Total recruited in January: 80 Overall Total: 1135

Remember!

This is the time when our recruitment needs to climb to 100+ per month in order to finish in July 2000.

Let's all work together to make it happen.



Mugs this month:

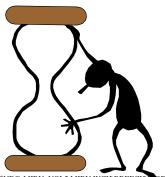
(for centres reaching or passing their annual goal)



Jinnah PMC, Karachi, PAKISTAN (#7); Riverside, Ottawa, CANADA (#6); Jundiaí, São Paulo, BRAZIL (#4); Treliske, Truro, UK (#2); Christian Medical College, Vellore, INDIA (#2); Liverpool Women's, Liverpool, UK; Edith Wolfson, Holon, ISRAEL; Sótero del Rio, Puente Alto, CHILE; St Joseph's, London, CANADA.

Centres recruiting for the first time: Prof A Posasdas, Buenos Aires, ARGENTINA.

The Interim Analysis of the first 1000 patients...



There are currently **284** incomplete cases. That number must reach **0** by February 15. (An incomplete case is one with missing booklets, or data queries that are not yet answered.)

Check the recruitment table to see your status. A shaded box indicates that all your booklets are in. A huge "Thank you" to this group.

To anyone with data still outstanding: we are waiting to get your courier packages and faxes! We cannot proceed without your vital contribution.

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Cord Blood

There are still some centres in which cord blood is being gathered from fewer than 50% of participants. We want to remind everyone again that base deficit is a neonatal outcome for the Term Breech Trial, and that it is an expectation of the trial that cord gases (in particular base deficit, cord pH and HCO₃) will be obtained. If you are having difficulty meeting this requirement in the great majority of your cases, please contact us so that we can decide how to proceed.





Tips and reminders for vaginal breech deliveries

- Oxytocin augmentation for poor progress in the active phase of labour should be used with caution.
 However, if contractions are infrequent or weak during pushing in the 2nd stage of labour, oxytocin should be used.
- The actual delivery of the fetus should proceed in an orderly fashion. Once the fetus has delivered spontaneously to the umbilicus, there should be gentle traction while encouraging the mother to push. If the fetal condition deteriorates, and the time to proceed to Caesarean section has passed, there should not be any delay in proceeding with the delivery of the fetus
- Caesarean section, within a reasonable period of time, should be available for all breech deliveries if
 there are signs of fetal distress. If a decision for Caesarean section has been made in advanced labour,
 tocolysis with a beta-mimetic may be useful to make the mother more comfortable and prevent rapid
 progress and unplanned vaginal delivery while preparing for Caesarean section (even in the absence of
 hyperstimulation).

----- Prenatal Classes

Don't forget to get the support of local prenatal educators for the Term Breech Trial. We can provide you with a package of TBT information tailored to the needs of your groups, including brochures, posters, videos etc. Let us know what you need and we'll try to help.



Data Form Notes

We have had enquiries about the completion of Question 4 in the *Labour & Delivery Form* (re: principal method of fetal heart rate monitoring in labour).

The intent of this question was only to refer to women who, in fact, had a course of labour, but the wording does not make that sufficiently clear. The data from this question will not be used if there is no labour.

In completing forms for women with no labour, either mark the type of fetal monitoring used prior to C/S or leave it blank.



Recruitment

Annual Dec Jun Sep Dec Jan Total Cases outstanding for	BREECH								
Goal 97 98 98 99 99 16 Interim analysis as of January 31, 1999 (shouled area = nome)		Annual					Jan	Total	
CANNADA	Recruiting centres							1000	
PAKISTAN 35 13 54 15 39 10 131 13 13 14 15 15 14 36 16 13 6 11 20 20 20 20 20 20 20	as of January31, 1999	(sh	(shaded area = none)						
PAKISTAN 35 13 54 15 39 10 131 13 13 13 150 43 32 16 13 6 110 20 20 20 20 20 20 2	CANADA	151	63	51	11	15	9	149	16
ARCENTINA	PAKISTAN						10		13
INDIA	UK	150	43	32	16	13	6	110	20
BRAZIL 42	ARGENTINA	43	13	26	21	25	7	92	
AUSTRALIA 51	INDIA	45	14	18	26	11	7	76	29
ISRAEL 96			1	19	25	17	11	73	18
SOUTH AFRICA	AUSTRALIA	51	14	36	12	9		71	13
IORDAN		96	15			13	5		
USA	SOUTH AFRICA	41	12	28	18		2		44
CHILE 46 7 3 18 19 5 52 15 ZIMBABWE 39 1 118 5 4 28 6 FINLAND 13 15 4 1 2 22 2 YUGOSLAVIA 15 5 10 1 16 10 SWITZERIAND 9 3 6 1 4 14 2 EGYPT 12 4 3 5 2 14 3 PORTUGAL 7 3 8 11 3 5 PORTUGAL 7 3 8 11 3 5 MEXICO 12 3 5 8 8 8 11 3 8 11 3 8 1 1 2 3 1 7 4 8 1 3 2 1 1 1 1 1 1 1 1 1<									
Image: Color Imag			16						
FINLAND YIGOSLAVIA 115 5 10 1 16 10 SWITZERIAND 9 3 6 1 4 14 2 EGYPT 12 4 3 5 2 14 3 5 POLAND POLAND POLAND 22 1 6 5 1 1 13 5 PORTUGAL 7 3 8 8 8 11 3 MEXICO 12 3 5 5 8 8 8 8 11 8 HINGARIAN MEXICO 12 3 5 5 3 8 8 11 3 MEXICO 12 3 5 5 3 8 8 11 3 MEXICO 12 1 2 3 5 5 3 8 8 11 3 MEXICO 12 3 5 5 3 8 8 11 3 MEXICO 12 3 5 5 1 1 1 1 1 DENMARY 7 1 2 3 1 7 4 ROMANIA 9 1 2 1 1 Total 1 1 1 DENMARK No longer recruiting Total 1 1011 237 343 240 234 80 1135 284 CANADA Riverside, Ottawa Guelph General 4 8 1 3 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			7	3			5		
YUGOSLAVIA				1	18		4		
SWITZERLAND				4	1	2		22	2
EGYPT 12 4 3 5 2 14 3 POLAND 22 1 6 5 1 13 5 PORTUGAL 7 3 8 11 3 5 MEXICO 12 3 5 8 8 8 THE NETHERLANDS 5 5 5 3 8 8 1 THE NETHERLANDS 5 5 5 3 8 8 1 ROMANIA 9 1 2 3 1 7 4 ROMANIA 9 1 1 1 1 DEMMARK No longer recruiting 1 1 Total 1011 237 343 240 234 80 1135 284 CANADA Riverside, Ottawa 6 19 10 3 3 1 3 36 Guelph General 4 8 1 3 2 14 3 St Joseph's, London 11 7 3 1 11 1 Sumybrook & Women's College, Toronto 8 6 2 1 9 Misericordia, Edmonton 9 6 1 1 1 8 8 3 Grey Nuns', Edmonton 9 6 1 1 7 8 8 3 Grey Nuns', Edmonton 9 6 6 1 1 7 7 St Joseph's, Hamilton 8 2 2 3 2 7 1 Foothills, Calgary 12 2 2 4 4 6 8 BC Women's, Vancouver 19 1 4 5 5 2 BC Women's, Vancouver 19 1 4 5 5 2 Margina General 9 1 3 4 4 8 Regina General 9 1 3 4 4 8 Royal Victoria, Barrie 4 1 2 3 3 4 4 Royal Victoria, Barrie 4 1 2 3 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		15	5	10		1		16	
POLAND	SWITZERLAND	9	3	6	1	4		14	
PORTUGAL		12		4		5	2	14	
MEXICO 12 3 5 8 8 THE NETHERLANDS 5 5 3 8 1 GERMANY 7 1 2 3 1 7 4 ROMANIA 9 2 1 3 2 1 3 2 NEW ZEALAND 5 1 <td></td> <td></td> <td>1</td> <td>6</td> <td>5</td> <td></td> <td></td> <td>13</td> <td></td>			1	6	5			13	
THE NETHERLANDS 5	PORTUGAL				3	8		11	3
CANADA	MEXICO			3	5			8	8
ROMANIA	THE NETHERLANDS				5	3		8	1
NEW ZEALAND 5	GERMANY	7	1		2	3	1		4
DENMARK No longer recruiting 1	ROMANIA					2	1	3	2
Total	NEW ZEALAND	5				1		1	
CANADA Riverside, Ottawa 6 19 10 3 3 1 36 Guelph General 4 8 1 3 2 14 3 St Joseph's, London 11 7 3 1 11 1 Sumybrook & Women's College, Toronto 8 6 2 1 9 St Boniface, Winnipeg 10 4 3 2 9 Misericordia, Edmonton 9 6 1 1 8 3 Grey Nuns', Edmonton 9 6 1 1 8 3 Grey Nuns', Edmonton 9 6 1 7 8 3 2 9 Misericordia, Edmonton 9 6 1 1 7 8 3 3 2 7 1 St Joseph's, Hamilton 8 2 3 2 7 1 1 7 1 4 6 4 6 1 4 <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>									
Riverside, Ottawa	DENMARK No longer recruiting							1	
Riverside, Ottawa		1011	237	343	240	234	80		284
Guelph General 4 8 1 3 2 14 3 St Joseph's, London 11 7 3 1 11 1 Sumnybrook & Women's College, Toronto 8 6 2 1 9 St Boniface, Winnipeg 10 4 3 2 9 Misericordia, Edmonton 9 6 1 1 8 3 Grey Nuns', Edmonton 9 6 1 1 7 3 2 7 1 St Joseph's, Hamilton 8 2 3 2 7 1 1 7 1 1 7 3 1 4 6 6 2 7 1 1 7 1 4 6 4 6 4 8 2 7 1 4 4 6 4 4 4 6 4 4 4 4 4 4 4 4 8 4	Total	1011	237	343	240	234	80		284
St Joseph's, London 11 7 3 1 11 1 Sunnybrook & Women's College, Toronto 8 6 2 1 9 St Boniface, Winnipeg 10 4 3 2 9 Misericordia, Edmonton 9 6 1 1 8 3 Grey Nuns', Edmonton 9 6 1 7 3 1 7 1 St Joseph's, Hamilton 8 2 3 2 7 1 1 7 1 1 7 1 1 7 1 1 7 1 1 7 1 1 4 6 4 2 3 2 7 1 1 4 4 6 4 2 3 3 5 2 4 4 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 8 <td>Total CANADA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1135</td> <td>284</td>	Total CANADA							1135	284
Sumybrook & Women's College, Toronto 8 6 2 1 9 St Boniface, Winnipeg 10 4 3 2 9 Misericordia, Edmonton 9 6 1 1 8 3 Grey Nuns', Edmonton 9 6 1 7 7 3 2 7 1 St Joseph's, Hamilton 8 2 3 2 7 1 7 1 1 7 1 1 7 1 1 7 1 1 7 1 1 2 2 4 6 6 2 3 2 7 1 1 4 6 4 2 7 1 1 4 6 4 2 3 3 5 2 2 2 4 4 8 3 3 3 4 4 8 3 3 3 4 4 8 3 3 4	Total CANADA Riverside, Ottawa	6	19	10		3	1	1135	
St Boniface, Winnipeg 10 4 3 2 9 Misericordia, Edmonton 9 6 1 1 8 3 Grey Nuns', Edmonton 9 6 1 1 7 3 1 7 1 7 1 1 7 1 1 7 1 1 7 1 1 7 1 1 7 1 1 7 1 1 7 1 1 7 1 1 2 2 7 1 1 7 1 1 4 4 6 8 2 7 1 1 4 4 6 8 2 7 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 1 2 2 2 2 2 2 2 2 2 2 <td>Total CANADA Riverside, Ottawa Guelph General</td> <td>6 4</td> <td>19 8</td> <td>10</td> <td></td> <td>3</td> <td>1 2</td> <td>36 14</td> <td>3</td>	Total CANADA Riverside, Ottawa Guelph General	6 4	19 8	10		3	1 2	36 14	3
Misericordia, Edmonton 9 6 1 1 8 3 Grey Nuns', Edmonton 9 6 1 1 7 St Joseph's, Hamilton 8 2 3 2 7 1 Foothills, Calgary 12 2 4 6 6 2 3 2 7 1 BC Women's, Vancouver 19 1 4 5 2 2 4 6 8 2 3 5 2 2 4 6 8 2 3 5 2 2 4 6 8 2 3 5 5 2 2 4 4 8 3 3 5 5 2 2 4 6 4 1 2 3 1 4 4 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 <td>Total CANADA Riverside, Ottawa Guelph General St Joseph's, London</td> <td>6 4 11</td> <td>19 8 7</td> <td>10 1 3</td> <td>3</td> <td>3</td> <td>1 2</td> <td>36 14 11</td> <td>3</td>	Total CANADA Riverside, Ottawa Guelph General St Joseph's, London	6 4 11	19 8 7	10 1 3	3	3	1 2	36 14 11	3
St Joseph's, Hamilton 8 2 3 2 7 1 Foothills, Calgary 12 2 4 6 BC Women's, Vancouver 19 1 4 5 2 Kingston General 6 2 3 5 Scarborough Centenary 7 3 1 4 Regina General 9 1 3 4 Royal Victoria, Barrie 4 1 2 3 Ottawa General 7 1 1 2 2 York County, Newmarket 5 2 2 2 Montfort, Ottawa 6 1 1 1 Royal Alexandra, Edmonton 11 1 1 1 Centre(s) no longer recruiting 15 4 PAKISTAN Jinnah PMC, Karachi Jinnah PMC	Total CANADA Riverside, Ottawa Guelph General St Joseph's, London Sunnybrook & Women's College, Toronto	6 4 11 8	19 8 7 6	10 1 3 2	3	3	1 2 1	36 14 11 9	3
Foothills, Calgary 12	Total CANADA Riverside, Ottawa Guelph General St Joseph's, London Sunnybrook & Women's College, Toronto St Boniface, Winnipeg	6 4 11 8 10	19 8 7 6	10 1 3 2 3	3	3 3	1 2 1	36 14 11 9 9	3 1
BC Women's, Vancouver 19 1 4 5 2 Kingston General 6 2 3 5 Scarborough Centenary 7 3 1 4 Regina General 9 1 3 4 Royal Victoria, Barrie 4 1 2 3 Ottawa General 7 1 1 2 2 York County, Newmarket 5 2 2 2 Montfort, Ottawa 6 1 1 1 Royal Alexandra, Edmonton 11 1 1 1 Centre(s) no longer recruiting 15 4 PAKISTAN Jinnah PMC, Karachi Aga Khan Univ, Karachi BY Aga Khan Univ, Karachi BY Aga Khan Univ, Karachi Aga Khan Univ	Total CANADA Riverside, Ottawa Guelph General St Joseph's, London Sunnybrook & Women's College, Toronto St Boniface, Winnipeg Misericordia, Edmonton	6 4 11 8 10 9	19 8 7 6	10 1 3 2 3 6	3	3 3	1 2 1	36 14 11 9 9 8	3 1
Kingston General 6	Total CANADA Riverside, Ottawa Guelph General St Joseph's, London Sunnybrook & Women's College, Toronto St Boniface, Winnipeg Misericordia, Edmonton Grey Nuns', Edmonton	6 4 11 8 10 9	19 8 7 6	10 1 3 2 3 6 6	3	3 3	1 2 1 2	36 14 11 9 9 8 7	3 1
Scarborough Centenary 7 3 1 4 Regina General 9 1 3 4 Royal Victoria, Barrie 4 1 2 3 Ottawa General 7 1 1 2 2 York County, Newmarket 5 2 2 2 Montfort, Ottawa 6 1 1 1 Royal Alexandra, Edmonton 11 1 1 1 Centre(s) no longer recruiting 15 4 PAKISTAN Jinnah PMC, Karachi Jinnah PMC, Karachi Aga Khan Univ, Kara	Total CANADA Riverside, Ottawa Guelph General St Joseph's, London Sunnybrook & Women's College, Toronto St Boniface, Winnipeg Misericordia, Edmonton Grey Nuns', Edmonton St Joseph's, Hamilton	6 4 11 8 10 9 9	19 8 7 6	10 1 3 2 3 6 6 2	3	3 3	1 2 1 2	36 14 11 9 9 8 7	3 1
Regina General 9 1 3 4 Royal Victoria, Barrie 4 1 2 3 Ottawa General 7 1 1 2 2 York County, Newmarket 5 2 2 2 Montfort, Ottawa 6 1 1 1 Royal Alexandra, Edmonton 11 1 1 1 Centre(s) no longer recruiting 15 4 PAKISTAN Jinnah PMC, Karachi Jinnah PMC, Karachi Aga Khan Univ, Karachi Aga Khan	CANADA Riverside, Ottawa Guelph General St Joseph's, London Sunnybrook & Women's College, Toronto St Boniface, Winnipeg Misericordia, Edmonton Grey Nuns', Edmonton St Joseph's, Hamilton Foothills, Calgary	6 4 11 8 10 9 9 8 12	19 8 7 6 4	10 1 3 2 3 6 6 2 2	3	3 3	1 2 1 2	36 14 11 9 9 8 7 7 6	3 1 3
Royal Victoria, Barrie 4 1 2 3 Ottawa General 7 1 1 2 2 York County, Newmarket 5 2 2 2 Montfort, Ottawa 6 1 1 1 Royal Alexandra, Edmonton 11 1 1 1 Centre(s) no longer recruiting 15 4 PAKISTAN Jinnah PMC, Karachi 14 6 46 15 27 5 99 2 Civil, Karachi 11 12 5 17 9 Aga Khan Univ, Karachi 6 7 2 9 2	CANADA Riverside, Ottawa Guelph General St Joseph's, London Sunnybrook & Women's College, Toronto St Boniface, Winnipeg Misericordia, Edmonton Grey Nuns', Edmonton St Joseph's, Hamilton Foothills, Calgary BC Women's, Vancouver Kingston General	6 4 11 8 10 9 9 8 12 19 6	19 8 7 6 4	10 1 3 2 3 6 6 2 2	1	3 3	1 2 1 2	36 14 11 9 9 8 7 7 6 5	3 1 3
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York County, Newmarket 5 2 2 Montfort, Ottawa 6 1 1 Royal Alexandra, Edmonton 11 1 1 Centre(s) no longer recruiting 15 4 PAKISTAN Jinnah PMC, Karachi 14 6 46 15 27 5 99 2 Civil, Karachi 11 12 5 17 9 Aga Khan Univ, Karachi 6 7 2 9 2	CANADA Riverside, Ottawa Guelph General St Joseph's, London Sunnybrook & Women's College, Toronto St Boniface, Winnipeg Misericordia, Edmonton Grey Nuns', Edmonton St Joseph's, Hamilton Foothills, Calgary BC Women's, Vancouver Kingston General Scarborough Centenary Regina General	6 4 11 8 10 9 9 8 12 19 6 7	19 8 7 6 4	10 1 3 2 3 6 6 6 2 2 4 2 1 3	1	3 3	1 2 1 2	36 14 11 9 9 8 7 7 6 5 5	3 1 3
Montfort, Ottawa 6 1 1 1 Royal Alexandra, Edmonton 11 1 1 1 Centre(s) no longer recruiting 15 4 PAKISTAN Jinnah PMC, Karachi 14 6 46 15 27 5 99 2 Civil, Karachi 11 12 5 17 9 Aga Khan Univ, Karachi 6 7 2 9 2	CANADA Riverside, Ottawa Guelph General St Joseph's, London Sunnybrook & Women's College, Toronto St Boniface, Winnipeg Misericordia, Edmonton Grey Nuns', Edmonton St Joseph's, Hamilton Foothills, Calgary BC Women's, Vancouver Kingston General Scarborough Centenary Regina General Royal Victoria, Barrie	6 4 11 8 10 9 9 8 12 19 6 7	19 8 7 6 4	10 1 3 2 3 6 6 6 2 2 4 2 1 3	3 1 1 3	3 3	1 2 1 2	36 14 11 9 9 8 7 7 6 5 5 4 4	3 1 3 1 2
Royal Alexandra, Edmonton 11 1 1 1 4 PAKISTAN Jinnah PMC, Karachi 14 6 46 15 27 5 99 2 Civil, Karachi 11 12 5 17 9 Aga Khan Univ, Karachi 6 7 2 9 2	CANADA Riverside, Ottawa Guelph General St Joseph's, London Sunnybrook & Women's College, Toronto St Boniface, Winnipeg Misericordia, Edmonton Grey Nuns', Edmonton St Joseph's, Hamilton Foothills, Calgary BC Women's, Vancouver Kingston General Scarborough Centenary Regina General Royal Victoria, Barrie Ottawa General	6 4 11 8 10 9 9 8 12 19 6 7 9	19 8 7 6 4	10 1 3 2 3 6 6 6 2 2 4 2 1 3	3 1 3 3 1	3 3	1 2 1 2	36 14 11 9 8 7 7 6 5 5 4 4 3 2	3 1 3 1 2
Centre(s) no longer recruiting 15 4 PAKISTAN Jinnah PMC, Karachi 14 6 46 15 27 5 99 2 Civil, Karachi 11 12 5 17 9 Aga Khan Univ, Karachi 6 7 2 9 2	CANADA Riverside, Ottawa Guelph General St Joseph's, London Sunnybrook & Women's College, Toronto St Boniface, Winnipeg Misericordia, Edmonton Grey Nuns', Edmonton St Joseph's, Hamilton Foothills, Calgary BC Women's, Vancouver Kingston General Scarborough Centenary Regina General Royal Victoria, Barrie Ottawa General York County, Newmarket	6 4 11 8 10 9 9 8 12 19 6 7 9 4 7	19 8 7 6 4	10 1 3 2 3 6 6 2 2 4 2 1 3 2	3 1 3 3 1	3 3	1 2 1 2	36 14 11 9 8 7 7 6 5 5 4 4 4 3 2 2	3 1 3 1 2
PAKISTAN Jinnah PMC, Karachi 14 6 46 15 27 5 99 2 Civil, Karachi 11 12 5 17 9 Aga Khan Univ, Karachi 6 7 2 9 2	CANADA Riverside, Ottawa Guelph General St Joseph's, London Sunnybrook & Women's College, Toronto St Boniface, Winnipeg Misericordia, Edmonton Grey Nuns', Edmonton St Joseph's, Hamilton Foothills, Calgary BC Women's, Vancouver Kingston General Scarborough Centenary Regina General Royal Victoria, Barrie Ottawa General York County, Newmarket Montfort, Ottawa	6 4 11 8 10 9 9 8 12 19 6 7 9 4 7 5	19 8 7 6 4	10 1 3 2 3 6 6 2 2 4 2 1 3 2	3 1 3 3 1	3 3 1 1 3 4	1 2 1 2	36 14 11 9 9 8 7 7 6 5 5 5 4 4 4 3 2 2	3 1 3 1 2
Jinnah PMC, Karachi 14 6 46 15 27 5 99 2 Civil, Karachi 11 12 5 17 9 Aga Khan Univ, Karachi 6 7 2 9 2	CANADA Riverside, Ottawa Guelph General St Joseph's, London Sunnybrook & Women's College, Toronto St Boniface, Winnipeg Misericordia, Edmonton Grey Nuns', Edmonton St Joseph's, Hamilton Foothills, Calgary BC Women's, Vancouver Kingston General Scarborough Centenary Regina General Royal Victoria, Barrie Ottawa General York County, Newmarket Montfort, Ottawa Royal Alexandra, Edmonton	6 4 11 8 10 9 9 8 12 19 6 7 9 4 7 5	19 8 7 6 4	10 1 3 2 3 6 6 2 2 4 2 1 3 2	3 1 3 3 1	3 3 1 1 3 4	1 2 1 2	36 14 11 9 9 8 7 7 6 5 5 5 4 4 4 3 2 2	3 1 3 1 2
Civil, Karachi 11 12 5 17 9 Aga Khan Univ, Karachi 6 7 2 9 2	CANADA Riverside, Ottawa Guelph General St Joseph's, London Sunnybrook & Women's College, Toronto St Boniface, Winnipeg Misericordia, Edmonton Grey Nuns', Edmonton St Joseph's, Hamilton Foothills, Calgary BC Women's, Vancouver Kingston General Scarborough Centenary Regina General Royal Victoria, Barrie Ottawa General York County, Newmarket Montfort, Ottawa Royal Alexandra, Edmonton	6 4 11 8 10 9 9 8 12 19 6 7 9 4 7 5	19 8 7 6 4	10 1 3 2 3 6 6 2 2 4 2 1 3 2	3 1 3 3 1	3 3 1 1 3 4	1 2 1 2	36 14 11 9 9 8 7 7 6 5 5 5 4 4 4 3 2 2	3 1 3 1 2
Aga Khan Univ, Karachi 6 7 2 9 2	CANADA Riverside, Ottawa Guelph General St Joseph's, London Sunnybrook & Women's College, Toronto St Boniface, Winnipeg Misericordia, Edmonton Grey Nuns', Edmonton St Joseph's, Hamilton Foothills, Calgary BC Women's, Vancouver Kingston General Scarborough Centenary Regina General Royal Victoria, Barrie Ottawa General York County, Newmarket Montfort, Ottawa Royal Alexandra, Edmonton Centre(s) no longer recruiting	6 4 11 8 10 9 9 8 12 19 6 7 9 4 7 5 6	19 8 7 6 4	10 1 3 2 3 6 6 2 2 4 2 1 3 2	3 1 2 2	3 3 1 3 4	1 2 1 2 1 2	36 14 11 9 9 8 7 7 6 5 5 4 4 3 2 2 1 1 15	3 1 3 1 2
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Liaguat National Karachi 4	CANADA Riverside, Ottawa Guelph General St Joseph's, London Sunnybrook & Women's College, Toronto St Boniface, Winnipeg Misericordia, Edmonton Grey Nuns', Edmonton St Joseph's, Hamilton Foothills, Calgary BC Women's, Vancouver Kingston General Scarborough Centenary Regina General Royal Victoria, Barrie Ottawa General York County, Newmarket Montfort, Ottawa Royal Alexandra, Edmonton Centre(s) no longer recruiting PAKISTAN Jinnah PMC, Karachi Civil, Karachi	6 4 11 8 10 9 9 8 12 19 6 7 9 4 7 5 6	19 8 7 6 4	10 1 3 2 3 6 6 2 2 4 2 1 3 2	3 1 2 2	3 3 1 3 4	1 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	36 14 11 9 9 8 7 7 6 5 5 4 4 3 2 2 1 1 15	3 1 2 2 4
Enaquat Pational, Kalaciii 7 U	CANADA Riverside, Ottawa Guelph General St Joseph's, London Sunnybrook & Women's College, Toronto St Boniface, Winnipeg Misericordia, Edmonton Grey Nuns', Edmonton St Joseph's, Hamilton Foothills, Calgary BC Women's, Vancouver Kingston General Scarborough Centenary Regina General Royal Victoria, Barrie Ottawa General York County, Newmarket Montfort, Ottawa Royal Alexandra, Edmonton Centre(s) no longer recruiting PAKISTAN Jinnah PMC, Karachi Civil, Karachi Aga Khan Univ, Karachi	6 4 11 8 10 9 9 8 12 19 6 7 9 4 7 5 6 11	19 8 7 6 4 1 3 1 1	10 1 3 2 3 6 6 2 2 4 2 1 3 2	3 1 2 2	3 3 1 3 4	1 2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	36 14 11 9 9 8 7 7 6 5 5 4 4 3 2 2 1 1 15	3 1 2 2 4

T	Annual		Jan-Jun			Jan	Total	Cases outstanding
Recruiting centres	Goal	97	98	98	98	99		for interim analysis
as of January31, 1999	(si	haded area is	prior to rec	ruitment)				(shaded area = none)
UK								
Treliske, Truro	11	5	4	7	5	2	23	10
Bradford Royal Infirmary	11	7	5	2			14	1
Arrowe Park, Wirral	11	6	6	1	1		14	1
Liverpool Women's Leeds General Infirmary	14 11	7	3	1	2	2	14 12	1
Ormskirk General	3	/	2	3	1	1	7	1
Peterborough Maternity Unit	9	3	2	3	1	1	6	2
Friarage, Northallerton	4	3	2		1		5	2
St John's, Chelmsford	10	3	3				3	3
Pilgrim, Boston	5		1	1		1	3	3
Ipswich	10	2	1	•			2	
Royal United, Bath	9			1	1		2	1
Lewisham	7	1		•	1		1	1
St James's University, Leeds	12	1					1	1
Northern General, Sheffield	8	-	1				1	-
North Staffordshire, Stoke on Trent	15				1		1	
Centre(s) no longer recruiting	10	1					1	
ARGENTINA	10		1.0	10	20	4	(2	17
LC Lagomaggiore, Mendoza	19	7	18	18	22	<u>4</u> 1	62	17
Maternidad "Martin", Rosario	11	/	7	1	1	1	17	1
Ramos Mejia, Buenos Aires	3		1	2	2		5	4
Prof A Posadas, Buenos Aires	10					2	2	1
Centre(s) no longer recruiting							6	1
INDIA								
Nowrosjee Wadia, Mumbai	13	12	8	7	5	1	33	4
Christian Medical College, Vellore	14	2	10	10	4	3	29	15
LTMMC & LTMGH, Mumbai	18			9	2	3	14	10
BRAZIL								
Jundiaí, São Paulo	6		8	12	3	6	29	13
ISCMPA, Porto Alegre	13		1	9	8	3	21	5
Hosp das Clinicas da UFPE, Recife	10		7	2	2	1	12	3
Materno Infantil, Goiânia	13	1	3	2	4	1 1	11	
	13	1	3		4	1	11	
AUSTRALIA								
Caroline Chisholm Centre, Liverpool	7		10	6	4		20	
Mornington Peninsula, Frankston	5	9	3	2	2		16	5
Logan, Meadowbrook	8		10				10	5
St George, Sydney	7	2	4	2			8	
King George V, Sydney	12	2	1	2	3		8	1
Gosford	7		3				3	2
Mona Vale	2		3				3	
Women's & Children's, Adelaide	3	1	1				2	
Centre(s) no longer recruiting							1	
ISRAEL								
Ma'ayney Hayeshua, Bene Beraq	10	8	7	1	2		18	6
Makassed Islamic, Jerusalem	5		9	3	1		13	8
Edith Wolfson, Holon	9		1	3	4	4	12	0
Meir, Kfar Saba	14	5	<u> </u>	,	1	•	6	3
Poriya, Tiberias	5	2	2		2		6	1
Bnai-Zion, Haifa	10	2		4	1		5	1
Soroka, Beer Sheba	25		2	1	1	1	4	2
Chaim Sheba, Tel Hashomer	18			1	2	1	2	
	10				<i>L</i>			
SOUTH AFRICA							_	
Medunsa	25		23	17	4		44	42
Coronation, Johannesburg	16	12	5	1	1	2	21	2
JORDAN								
Princess Badeea, Irbid	24	1	7	7	19	7	41	7
Islamic, Amman	18	1	3	5	3	1	12	6
isianne, i innian	10		J	J	J	1	14	l C

Jan-Dec Jan-Jun Jul-Sep Oct-Dec

Jan

Total

Cases outstanding

Annual

Recruiting centres	Goal	97	98	98	98	99	Total	for interim analysis
as of January31, 1999		aded area is			70	77		(shaded area = none)
	(37)	uueu ureu is	prior to rec	интені)				(shadea area = none)
USA		-		2	1		10	1
Univ Utah, Salt Lake City	6	5	2	2	1		10	1 2
Univ New Mexico, Albuquerque St John's Mercy, St Louis	10	6		1	1		7	
Boston Medical Center	16	4	3		2	1	4	1
			3		2	1		I
Univ Iowa, Iowa City Univ Michigan, Ann Arbor	8		3	2			3	1
Baylor College, Houston	12		1	3			3	1 3
			1	2	_		3	2
Maricopa, Phoenix	8			1	2			2
Oregon Health Sci Univ, Portland	6			1	1		2	2
Hutzel, Detroit	16				2	1	2	2
Univ Mississippi, Jackson	9	1			1	1	2	1
Univ Maryland, Baltimore	4	1		-			1	
Texas Tech Univ, Lubbock	6			1			1	
Harbor, Baltimore	4				1		1	
CHILE								
Sótero del Río, Puente Alto	37			18	16	4	38	12
Universidad Catolica, Santiago	9	7	3		3	1	14	3
ZIMBABWE								
Harare Maternity	39		1	18	5	4	28	6
FINLAND	•		_					
Central University, Helsinki	13	15	4	1	2		22	2
	13	13		1	4			
YUGOSLAVIA							1 42	10
Novi Sad	15	5	10		1		16	10
SWITZERLAND								
Hôpitaux Universitaires, Geneva	7	3	4	1	3		11	1
Regionalspital, Biel	2		2		1		3	1
EGYPT								
Assiut University	12		4	3	5	2	14	3
								-
POLAND NRI of Mother & Child, Warsaw			4	1	1			2
University of Gdansk	6	1	4	1	1		6	3
Polish Mothers Memorial, Lodz	5 11	1	2	1			3	2
Polish Mothers Memorial, Louz	11			3			3	2
PORTUGAL								
Distrital, Faro	7			3	8		11	3
MEXICO								
Dr M G Gonzalez, Mexico DF	12		3	5			8	8
THE METHEDLANDS								
THE NETHERLANDS Atrium, Heerlen	5			5	3		8	1
]			J	3		0	1
GERMANY							T	-
Ludwig Maximilians, Munich	4			2	3	1	6	3
University, Bonn	3	1					1	1
ROMANIA								
IOMC-Polizu, Bucharest	9				2	1	3	2
NEW ZEALAND								
Queen Mary Maternity, Dunedin	5				1		1	
]]				1		1	
DENMARK								

Annual Jan-Dec Jan-Jun Jul-Sep Oct-Dec Jan

Total Cases outstanding

January 31, 1999, centres awaiting first patient: Centre, city, COUNTRY, (annual goal) [month/year start-up package sent]

Sunderland Royal, Sunderland, UK (10) [1/99]; Grimsby District General, Grimsby, UK (-) [1/99]; Jefferson Medical College, Philadelphia, USA (6) [9/98]; CUSE (Site Fleurimont), Sherbrooke, CANADA (8) [9/98]; Countess of Chester, Chester, UK (10) [7/98]; Hosp Parroquial de San Bernardo, Santiago, CHILE (9) [6/98]; National Women's, Auckland, NEW ZEALAND (31) [5/98]; Brantford General, Brantford, CANADA (4) [5/98]; Royal University, Saskatoon, CANADA (11) [4/98]; Instituto Materno Infantil de Pernambuco (IMIP), Recife, BRAZIL (15) [3/98]; Mount Sinai, Toronto, CANADA (12) [8/97]; North Bay General, North Bay, CANADA (3) [2/97]

No Longer Recruiting