## A SUMMARY OF THE CASES OF PELVIC DEFORMITY IN 30,000 LABORS.

By H. N. Taylor, M. D., Registrar.

The following tabulations are taken from the records of the Society of the Lying-In Hospital and show only those cases in which operative procedure was required for the delivery of the child. In the early records of the hospital, the pelvic measurements in some cases are not shown, the only note under the operation being, that the pelvis was deformed.

The standard of size adopted by the hospital for a normal conjugata vera is 10 cm. and all measurements falling below this are regarded as indicating pelvic deformity.

Under twenty								13
Twenty to twent	y-fi	ve						84
Twenty-five to th	nirt	y						75
Thirty to thirty-	five							59
Thirty-five to fo	rty							31
Forty to forty-fir	ve		٠					2
Forty-five to fift	у			٠		٠	٠	I
Not noted								4

1										81
II	٠.									46
III	٠.									24
IV										
v										27
VI										
VII				٠.						16
VIII	٠.		 							10
IX	٠.									4
X										4
XI										2
XII										. І
XIV										1
Not note	d.									4

c.n.	AGE.	PARA.	MO. GEST.	CONJ.	PRESEN- TATION.	POSITION.	MOTHER.	RESUI	LT.	CHILD-		OPERATIVE PROCEDURE AND REMARKS.
26	27	v	9		Vertex	L. O. A.	Recovery.	I	Livin	ıg	. Forceps	; fractured child's skull.
465	24	11	ó	8.5 см.	Breech	R. S. A.						extraction.
528	36	VII	9		Vertex							prolapsed cord.
676	30	v	9		Shoulder.				~			podalic version.
1015	20	I	10	10	Breech		Recovery.					
1018	35	IV	10	020	Vertex							extraction; head.
1163	21	I	10	8.5	Vertex							ed forceps; podalic version.
1175	28	IV	10	9.5	Vertex	L. O. A.	Recovery.	3	Still	Birtn		version; prolapsed cord. Three previous
				125							depr	ns; child's head impinged on prom.; la ression, ½ in., child's head; attempted force
		1. 1222				50	<b>n</b>					alic version. All prev. labors; still births.
2362	29	IV	9	8.5	Shoulder.							version, then forceps.
2532	25	I	9.	8.5	n	n c n	Recovery.	1	CALII	Dieth	Labor in	ducad
2645	31	VΙ	71/2	8.5	Breech		Recovery.		2111	Dirth	Podelie	version : eraniotomu
2769	28	y	10	7.5	Vertex		Recovery.		) ii.	Dirtii	Modium	version; craniotomy.
3252	23	ΙĮ	10	9.5	Vertex	K. O. A.	Pecovery.	· · · · · · · · · · · · · · · · · · ·	ivit	g	Podalic	version; prolapsed cord.
3463	24	Ĩ	9 .	8.5	Vertex	D. O. A.	Pecovery.	5	2+111	Rieth	Podalic	version; depressed fracture skull.
3601	18	Ĩ	10	8.5	Vertex Vertex	I O A	Pecovery.	· · · · · i	Livin	or	Symphys	siotomy version.
3692	24	Į	9	8.5	Vertex	L, O. A.	Recovery.	ī	ivin	or	Low for	rens
3858	24	ΙΪ	10	9.5	Vertex		Recovery.	· · · · · · i	ivie	g	. Medium	forces
4170	19	Į	10	9.5	Vertex Vertex	P O P	Recovery.	t	ivin	g	. Medium	forcens
4219	18	Į.	10	9.5	Vertex	I O A	Recovery.					
4705	26	III	9		Vertex	P O P	Recovery.					
4825	30	ΙŲ	10	9.5	Vertex	I O A						siotomy acc. force podalic version.
5168	19	I	9	8.5	Vertex	L.O.A.	Recovery.		Seill	Rirth	. Podalic	version
5456	30	VII	10	8.5	Vertex		Recovery.					
5506	34	I	. 9	8.5	Vertex	D. O. A.						n section, podalic version; fractured humeri
5610	25	IJ	9		Vertex	I O A	Died.	i i	ivin	g	. Forcens	mother died first day.
5633	19	Į	9	9.5	Vertex	LOA	Recovery.					
5721	18	III	9	9.5	vertex	D. O. 11.						version; uraemia.
5799	24	Ĭ	10		Vertex	I.O.A.	Recovery.					
6000	21	viî	10	9.5	Vertex	L.O.A.						version; prolapsed cord.
6009	36	III	10	9.5	Vertex	L. O. P.	Recovery.	9	Still	Birth	· Podalic	version.
6039	29	II	10	9.	Vertex		Recovery.	Ī	Died		Forceps	; podalic version.
6077	27	ıχ	10	9. 9.	Vertex	R. O. P.	Recovery.	5	Still	Birth	· Podalic	version.
6095	35 28	Ŷ	10	y.	Vertex		Recovery.					
6099		ΙŮ		9.5	Vertex	L. O. A.	Recovery.					
6132	30		9	9.3	Vertex	L. O. A.						; consultation case; no history.
6144		VIII	9	9.	Vertex	L. O. A.						version; prolapsed cord.
6603	33	ÍV	. 9	8.5	Vertex	L. O. A.	Recovery.					
6612	29 22	Ĩ	10	9.5	Vertex	L. O. P.	Recovery.	5	Still	Birth	Manual	rotation head; low forceps.
6697	24	ΙĨ	9	9.5	Vertex	L. O. P.	Recovery.	1	Died		Forceps.	
6899	23	III	9	9.	Breech	L. S. A.	Recovery.	I	Livir	ıg	. Breech	extraction; fractured humerus.
7112 7198	35	îV	10	9.5	Vertex	L. O. A.						siotomy; podalic version.
	19	I	9	9.5	Vertex	R. O. A.	Recovery.	I	Died		Forceps.	
7224	19	Ĩ	10	9.	Vertex	L. O. A.	Recovery.	: I	Livir	ıg	· Symphy:	siotomy; podalic version.
7384	38	III	9	9.	Vertex	L. O. P.	Recovery.	5	Still	Birth	. Forceps.	
7466	20	ĨĨ	9		Transverse		Recovery.	I	Livir	ıg	<ul> <li>Podalic</li> </ul>	version.
7570 7665	37	III	10	9.5	Vertex		Recovery.	S	Still	Birth	. Podalic	version; prolapsed cord, fractured arm.
7728	22	I	9	9.5	Shoulder.	R. Sc. A.	Recovery.					
7742	24	IV	ó	8.5	Face	L. M. P.	Recovery.					
7742 7813	25	I	10	8.5	Brow	R. Sinc.	Recovery.	I	Livir	ıg	. Attempt	ed forceps; symphysiotomy; version.
7967	25 26	II	9	8.5	Vertex	R. O. A.	Recovery.					
8072	23	IV	ģ.	9.5	Breech	R. S. A.						extraction.
8165	25	Ī	ó		Vertex	R. O. A.						ce; podalic version.
8228	20	I	9	9. 8.	Breech	L. S. A.						extraction.
	23	Ĩ	ó	10.	Vertex	L. O. A.	Recovery.					
8299	25	III	ģ	8.5	Vertex	L. O. A.	Recovery.					
8350 8368	36	VII	10	9.5	Breech	R. S. A. . S. A.	Recovery.		Still	Birth	· Breech	extraction.
9.0-	27	11	9	9.5	Breech(2)	L. S. P.	Recovery.	1	Both	Living	.Twins;	breech extraction (2).
8387	27	ï	9	8.5	Vertex	L. O. A.	Recovery.					
8393	26	Î	10	9.5	Vertex	R. O. P.	Recovery.					
8627	20	Ý	10	9.	Vertex	L. O. A.	Recovery.	I	Livir	ıg	·High fo	rceps.
8651	32 28	III	9	7.5	Vertex		Recovery.	1	Died		Podalic	version; depression child's skull.
8880		Ï	10	9.	Vertex	L. O. A.	Recovery.		Still	Birth	· Acc. for	rce; forceps.
9012	25	ПŢ	10	300	Vertex	L. O. A.	Recovery.		Still	Birth	· Hydroce	phalus; podalic version; ruptured uterus.
9394	24	Ĭ	10	9.	Vertex	L. O. A.	Recovery.		Still	Birth	. Podalic	version; prolapsed cord.
9503	24	v	10	9.	Vertex	L. O. A.	Recovery.	I	Livir	ıg	. Attempt	ed forceps; podalic version.
9917	23	v	10	9.	Vertex	L.O.A.						ed forceps; podalic version.
9919	30	ĭ	9	9.5	Vertex	L. O. P.	Recovery.					
9921	20		9	9.5	Vertex	LOA						ce; podalic version; mother died three we
0047	30	II					1,710,11					ce, podane version, mother then three wi

C.N.	AGE.	. PARA.	MO. GEST.	CONJ. VERA.	PRESEN- TATION.	POSITION.	MOTHER.	RESULT.	CHILD.	OPERATIVE PROCEDURE AND REMARKS.
10128	26	I	9	9.5	VertexR.	O. P.	Recovery	Still	Birth	Forceps.
10136	25	I	10	9.	VertexL.	O. A.	Recovery	Still	Birth	Podalic version; prolapsed cord.
10149	30	IV	10	9.5	VertexR.	O. A.				High forceps.
10202	33	VI	10	9.5	BreechL.		Recovery	· · · · Livin	g	Breech extraction.
0259	26	II	10	9.5	FaceL.		Recovery	Livin	g	Podalic version.
10356	30	VIII	10	9.	BreechL.		Recovery	Livin	g	Breech extraction; fractured humerus.
10545	29	v	10	9.	VertexR.	O. A.				Podalic version.
0605	22	Ι	10	9.5	VertexL.	O. A.	Recovery	· · · · Livin	g	Porceps.
10702	33	νį	10	9.5	BreechL.		Recovery	Livin	g	Breech extraction.
10969	25	Ţ	10	8.5	VertexL.		Recovery	Livin		
10972	26	11	10	9.5	Breech L.	5. A.	Daggueru	T ::		Breech extraction.
		137			VertexNo	C A	Recovery	Ceill	D:th	Podalic version; twins. Breech extraction; fractured parietal.
1351	32	IV II	10	9.5	BreechL.		Recovery	Linin	ΒΙΓΩΙ ~	Forces
1494	23	Ÿ	10	9.5	VertexR. VertexR.		Pocovery	I ivin	g	Podalic version; fractured parietal and fibula.
1651	30	VII	10	9.5	BreechL.		Recovery	Livin	g	Breech extraction.
1681	30	v	10	10. 10.	BreechL.		Recovery	Livin	g	Breech extraction.
1773	39	νĭ	10	8.75	VertexL.		Recovery	Still	Rieth	Attempted forceps; podalic version; fractured pariets
2013	33	ΪΪ	10		BreechL.		Recovery	Livin	σ	Breech extraction; fractured humerus.
2027	25	Ť	.10	9.5	VertexL.		Recovery.			
2053	21	Î	10	9.5	VertexL.		Recovery	Livin	σ	Forceps; facial paralysis.
2203	19	Î	9	9·5 8·5	VertexL.		Recevery	Livin	σ	iorcens
2207 2843		Î	10		VertexR.		Recovery			
	24 28	v	10	9.5	VertexL.		Recovery	Livin	g	Podalic version.
2972	24	ĭ	10	9.5 8.75	VertexL.		Recovery	Still	Rirth	Forceps; prolapsed cord.
13233 13254	26	ΙÝ	10	1000 M 1000	VertexL.	O. A.	Recovery	Livin	σ	Podalic version.
3278	34	iv	10	9.5	V CITEXD.		Recovery.	Bivin		Decapitated by outside physician; head delivered the hospital.
3481	21	I	10	IO.	BrowR.	Sinc. P.	Recovery	Livin	g	Head extended to Face.
3486	25	1	10	10.	VertexL.	O. A.	Recovery	Livin	g	Forceps.
3554	25 36	VII	10	9.5	BreechR.	S. A.	Recovery	Livin	g	Breech extraction
3700	27	I	10	10.	VertexL.	O. A.	Recovery	Livin	g	Forceps.
4041	25	II	10	10.	VertexL.		Recovery.	Livin	g	Manual extraction, child; fractured humerus.
4235	24	I	10	9.5	VertexL.	O. A.	Recovery			
4238	24	1	10	9.	VertexR.	O. A.	Recovery	Livin	g	Forceps.
4351	22	1	10	10.	VertexR.	O. A.	Recovery	Livin	g	Forceps.
4371	32	VI	10	10.	Shoulder. R.		Recovery	Livin	g	Attempted forceps; podalic version.
4603	33	III	10	7.5	VertexR.		Died	· · · · Still	Birth	Attempted version; forceps; craniotomy.
4826	21	I	10	10.	VertexL.		Recovery	Livin	g	Forceps; paralysis, face and arm.
14831	32	VIII	10	9.5	VertexL.		Recovery.	···· Livin	g	Placenta praevia; podalic version.
14963	35	VII	10	9.75	BreechR.		Recovery.	····· Livin	g	Breech extraction.
4981	22	II	10	9.	Breech L.		Recovery	Livin	g	Breech extraction.
5170	32	Ĩ	10	9.25	VertexL.		Recovery	Still	Birth	Podelia version
5328	22	Ţ	10	. 9.5	VertexL.		Recovery	····· Still	Bartin	Podalic version.
5337	28	IV	10	9.	VertexL.		Recovery	Livin	g	Proces autraction
5356	30	V	10	9.5	BreechR.		Recovery	Livin	g	Breech extraction. Podalic version.
5513	28	VI	10	9.5	Shoulder. L.		Percyery.	C+:11	Dieth	Breech extraction; macerated foetus.
5531	30	III	10	9.5	BreechR. VertexR.		Pocavery	Livin	σ σ	Podalic version; fractured parietal; prolapsed cord.
5638	45	VIII	10	9.	VertexL.					Forceps; fractured humerus; prolapsed cord.
5716	17	1	10	9.5			Recovery	Livin	g	Forceps; seen in consultation, outside physician.
5746	24	II	10	9.5	VertexR. VertexR.		Pecovery	Livin	g	Polalic version; ruptured uterus.
5792	26	VI	10	10.	VertexR.		Pecovery	Livin	g	Podalic version.
6068	35	VIII	10	9.5	VertexR.		Decovery	Livin	σ	Podalic version; induction labor; fractured clavicle.
6077	30	III	8	9.5	BreechL.		Recovery	Livin	σ	Twins; breech extraction; death of child.
6150	26	11	O	9.5	VertexR		Recovery	Divini	8	I wins, breech extraction, death of child.
60	-0	137	10	10	VertexL.		Recovery	Livin	σ	High forceps.
6238	28	IV I	10	10.	VertexL.	Õ Å	Recovery			
6613	20	vi	10	9.5	VertexL.	O A				Attempted forceps; podalic version.
6788	26		10	10.	VertexL.		Recovery	Livin	σ	Podalic version.
6944	27	VI	10	9.	VertexL.		Recovery	Livin	σ	Forces
6970	25	IV		10.	VertexL.		Recovery	Livin	σ	Forcens
6997	25	III	10	9.5	VertexL.		Recovery	Livin	σ	Attempted forceps; podalic version; fractured pariet
7272	34	VI VI	10	9. 10.	VertexL.		Recovery			
7315	30 28	V	10	9.5	VertexL.		Recovery			
7397	20	ĭĬ	10		VertexL.					Podalic version.
7401	34 18		10	9.5	VertexL.		Recovery			
	10	IV	10	9.5	VertexR.		Recovery	Still	Birth	Induction, labor; podalic version.
	28	II		10.	BreechL.		Recovery	Livin	Ø	Breech extraction.
7778	~-	Ī	10	9.5	VertexR.		Recovery.			
17778 18064	25		:0	9.5 9.	Shoulder, L.		Recovery	Livin	σ	Induction, labor; podalic version.
17778 18064 18067	32			V.	Dirottidei . L.		y.		D	
17572 17778 18064 18067 18346	32 39	II	9			OA	Recovery	Livin	Ø	Forcens
17778 18064 18067 18346 18495	32 39	II V	10	10.	VertexL.		Recovery.			Forceps.
17778 18064 18067 18346 18495 18520	32 39 35 28	II V V	10 10	10. 9.	VertexL. VertexL.	O. A.	Recovery	Livin	g	Forceps.
17778 18064 18067 18346 18495 18520	32 39 35 28 28	II V V II	10 10 10	10. 9. 9.	VertexL. VertexL. VertexL.	O. A. O. A.	Recovery	Livin Still	g Birth	Forceps. Forceps. Craniotomy: prev. del. by Caesarian section.
17778 18064 18067	32 39 35 28	II V V	10 10	10. 9.	VertexL. VertexL.	O. A. O. A. O. A.	Recovery Recovery	Livin Still Still	Birth Birth	Forceps.

C.N.	AGE.	PARA.	MO. GEST.	CONJ. VERA.	PRESEN- TATION. POSITION.	RESULT. MOTHER.	CHILD.	OPERATIVE PROCEDURE AND REMARKS.
	62-0	***	2	A2 (12.92)	D 1 7 0 4	D. C.III	D:1	tomics previously.*
18801	29	IV	9	7.75	BreechL. O. A.			Podalic version; prolapsed cord.
18841	35	VII	10	9.5	VertexL. O. A. VertexL. O. A.	Recovery Livin		. Podalic version; child, 13 pounds.
18889	33	ĬĬ	10	10. 9.5	FaceR. M. P.			Forceps; craniotomy, child 10 pounds.
18915	23	Î	9	9.5	VertexR. O. A.	Recovery Livin	7	Induction, labor; forceps.
18921 18982	29 28	ПÎ	10	9.5	VertexR. O. A.	RecoveryStill		
19185	23	Ĩ	10	9.5	VertexR. O. A.	Recovery Livin		
19103	3		10	3.5	Breech Not Obs.		3	
19218	28	III	10	9.	VertexL. O. A.	Recovery Livin	ζ	.Twins; breech extraction.
19283	30	I	10	9.5	VertexL. O. A.	Recovery Livin		
19322	29	VII	10	9.	Shoulder. R. Sc. A.	Recovery Livin	g	.Induction, labor; podalic version.
19355	29	Ī	10	9.5	BreechR. S. A.	Recovery Livin	z	Breech extraction.
19401	30	I.	10	9.75	VertexL.O. A.	Recovery Still		
19421	26	III	10	9.5	VertexL.O. A.	Recovery Livin		
19530	39	XIV	10	9.5	BreechL. S. A.	Recovery Livin		
19550	23	II	10	10.	VertexL. O. A.	Recovery Livin		
19795	28 28	IV	10	9.5	VertexL. O. A. BreechNot Obs.	Recovery Livin Death on Livin		Caesarian section.
19913	20		10	9.5	Diecen Not Obs.	8th day	5	Caesarian section,
20000	30	IV	10	9.5	VertexL. O. A.	Recovery Still	Birth	. Induction, labor; podalic version; fractured parieta
20051	25	III	10	9.	VertexR. O. A.	Recovery Still		
20083	30	IV	10	9.5	VertexR. O. A.	Recovery Still		
20107	30	VII	10	9.5	VertexR. O. A.	Recovery Livin		
20137	21	I	10	272	VertexL. O. A.	Recovery Still		
20215	32	v	10	9.5	VertexL.O. A.	Recovery Livin		
20305	32	II	10	9.5	BreechL. S. A.	Recovery Still		
20353	25	IV	10	10. 9.5	VertexR. O. P. VertexL. O. A.	Recovery Still	Rieth	Podalic version; ruptured uterus; hysterrectomy.
20365	37	VIII	10	9.5	BreechR. S. A.	Recovery Livin	7	Reach extraction
20634	23	'n	10	9.5	BreechL. S. A.	Recovery Still		
20659 20674	20 33	VIÎ	10	10.	VertexR. O. P.	Recovery Livin		
20790	39	VIII	10	9.5	VertexI., O. A.	Recovery Livin	ž	Podalic version.
1032	26	Î	10	10.	VertexL.O.A.	Recovery Still	Birth	· High forceps: fractured skull.
21085	32	IV	10	10.	VertexL. O. A.	Recovery Livin	<b>Z</b>	Podalic version
21149	36	I	10	10.	VertexR. O. A.	Recovery Still	Birth	· Medium forceps.
21167	24	II	10	9.	VertexL.O. A.	Died 5 hrs. Still after oper.	Birth	Ruptured uterus; hysterrectomy.
21240	36	XI	8		VertexL. O. A.		<del>.</del>	Induction, labor; podalic version.
21259	22	I	10	7.5	VertexI. O. A.	Recovery Livin	ζ	. Caesarian section.
21275	38	IX	10	10.	VertexL. O. A.			. Podalic version; prolapsed cord.
21363	36	X	10	10.	FaceL. M. A.			. Podalic version; fractured humerus.
21569	25	II	10	10.	VertexL. O. A.	Recovery Still		
21675	30	ΥÏ	9	9.	Breech L. S. A.	Recovery Still		
21755	25	IV	10	9.	VertexL. O. A.	Recovery Living	Z	. High forceps; depressed fracture skull.
21773	20	II	10	9.	Shoulder. L. Sc. A.	Recovery Still		
21883		IV	9	7.5	VertexR. O. A.	Recovery Still Recovery Livin		
21949	30	III	10	9. 9.5	Shoulder, R. Sc. A.	Recovery Livin		
21977	25	Ï	10	9.5	Vertex, R. O. A.	Recovery Livin	y	Medium forceps
22080 22094	23 23	ΙÌ	10	9.25	BreechL. S. A.	Recovery Died.		Breech extraction.
22101	22	Î	10	9.5	VertexR. O. A.	Recovery Livin		
2178	22	Î	10	9.	VertexL. O. A.	Recovery Still	Birth	. High forceps.
22194	24	v	10	9.5	BreechR. S. A.	Recovery Livin	ζ	.Induction, labor; breech extraction.
22304	29	VI	10	9.5	BreechR. S. A.	Recovery Livin		
2401	23	I	10	9.	VertexL. O. A.	Recovery Still		
22447	17	1	10	9.5	BreechR. S. A.	Recovery Still		
22453	34	IV	10	10.	BreechL. S. P.	Recovery Livin		
22593	24	ΙĨ	10	10.	VertexR. O. A.	Recovery Still		
22752	22	I	10	8.5	VertexL. O. P. Shoulder, R. Sc. A.	Recovery Still		Caesarian section; child died after birth.
22755	36	VII V	8	10.	Shoulder, L. Sc. A.	RecoveryLivin		
22868	29	ň	10	9.5 9.5	BreechR. S. A.	RecoveryLivin		
22881	25	ΪΪ	10	8.5	VertexR. O. A.	Recovery Still		
23139	32 21	Ĩ	10	J., J	VertexL. O. A.	Died Died.		
23369	21		7070	9.5	VertexL. O. A.	Recovery Livin		
23777 23409	22	II	10	9.		Recovery Livin		
23412	21	ÎÎ	10	9.5	FaceR. M. P.	Recovery Livin	ζ	Podalic version.
23413	30	v	10	9.5	Shoulder, R. Sc. A.	Recovery Livin	z	Podalic version.
23552	28	v	10	9.5	VertexR. O. A.	Recovery Livin	ζ	·High forceps; depressed fractured right frontal.
23603	34	VIII	10	9.5	VertexR. O. A.	Recovery Livin		
23684	37	Ţ	10	9.5	VertexL. O. A.	Recovery Livin	ζ	Medium forceps.
23712	26	III	10	9.	BreechL. S. A.	Recovery Livin		
23728	34	XI	9	9.5	BreechR. S. A.	RecoveryStill		
23764	38	IX	10	9.5	VertexR. O. A. VertexR. O. A.	Recovery Livin	· · · · · · · · · · · · · · · · · · ·	Podalic version; depressed fractured skull.
23797	39		10	9.	veriexR.U.A.	DECEMPACT V Lei VIII		

C.N.	AGE	PARA.	MO. GEST.	CONJ. VERA.	PRESEN- TATION. POSI	TION. MOTHER	RESULT. CHII	.D. OPERATIVE PROCEDURE AND REMARKS.
23935	32	х	10	9.5	BreechR. S. A	A. Recovery.	Living	Breech extraction.
23942	33	x	9	9.	VertexR.O.			Podalic version; craniotomy; fractured humerus.
	22	Ĩ	10	9.5	BreechL. S. A		Living	Breech extraction.
3956		vî	8		Shoulder. R. Sc.	P Recovery	Still Rirth	Induction, labor; podalic version.
3964	27	v		9.	BreechR. S. I			
4109	37 28		10	9.				Breech extraction; prolapsed cord.
4247	28	<u>I</u>	10	9.	VertexR. O.		Living	Medium forceps.
4607	38	XII	10	9.5	BreechL. S. A	. Recovery.	Living	Breech extraction; paralysis, left arm.
4668	23	H	10	020700	VertexL.O.		Still Birth.	
4887	23	I	10	8.5	Brow L. Sin			Podalic version.
4921	23	11	10	8.	Shoulder. Not O	bs. Recovery.	Still Birth.	Podalic version; prolapsed cord.
5368	27	VI	10	8.5	VertexL.O.			High forceps.
5788	25	I	10	9	BreechL. S. A			Acc. force; breech extraction; craniotomy after c
25798	33	IX	10		VertexL.O.		Still Birth.	Podalic version; craniotomy; prolapsed cord.
25843	23	I	10	9.	BreechL.O.		Living	Medium forceps; breech extraction.
25872		ΙV	10	9.	VertexL.O.			Medium forceps.
150/2	37	ĬĬ		*	VertexR.O.		Living	Acc. force; high forceps.
25886	24		10		Dreach I C	A Descuery		
6141	32	Λi	10	9.5	BreechL. S.	n. Recovery.		Breech extraction.
6188	33	v	10	7.5	VertexL. O. 1			Attempted forceps; podalic version; craniotomy.
6376	31	II	10	8.	Shoulder. L. Sc.			Podalic version; prolapsed cord.
6384	32	II	10	9.5	VertexR. O.			Medium forceps; prolapsed cord.
26473	36	VIII	10	9.5	VertexR. O.	<ol><li>A. Recovery.</li></ol>	Living	High forceps.
6543	24	I	9	9.5	Shoulder. Not O	bs. Recovery.	Living	Podalic version.
6899				9.5	VertexL.O.	A. Recovery.	Living	Medium forceps.
6972	30	III	10	7.5	FaceR. M.	P. Recovery	Still Birth.	Attempted forceps; podalic version.
	28	ÎÎ	10	9.	VertexR. O.			Medium forceps.
7457		vii			VertexL.O.		Still Rinth	Medium forceps.
27500	35		10	9.		A Decovery	I iving	Ace force: medium forces
27631	24	IV	10	9.5	VertexL.O.			Acc. force; medium forceps.
7706	22	III	10	8.	VertexL. O.			Acc. force; High forceps.
8179	26	I	10	9.5	VertexR.O.	A. Recovery.		Medium forceps.
28220	46	VIII	10	9.	BreechR. S.		Still Birth.	Breech extraction; fractured clavicle.
28294	30	VI	10	8.5	VertexR.O.	<ol><li>A. Recovery.</li></ol>	Living	High forceps.
8366	32	III	10	9.	VertexR.O.	A. Recovery.	Living	Medium B. forceps.
8382	25	Ĩ	10		VertexL. O.		Still Birth.	Acc. force; podalic version.
28559	29	II	10	9.	Shoulder . R. Sc.	A. Recovery.	Still Birth.	Podalic version; prolapsed arm.
28683	36	VII	10	9.5	VertexR.O.	A. Recovery.	Living	Attempted high forceps; podalic version; fractu humerus.
28692	20	- I	10	9.	VertexL. O.	A. Recovery.	Living	Medium B. forceps.
8731	25	ΙÎ	10	9.5	Shoulder. L. Sc.			Podalic version; prolapsed arm and cord.
8893	23	Î	10	9.	VertexR.O.	P. Recovery.	Still Birth.	Acc. force; podalic version; craniotomy; prolar
8987	34	VI	10	8.5	VertexR.O.	A. Recovery.	Still. Birth.	Craniotomy.
	34 28	ΥÎ	10	9.5	VertexR. O. 1			Medium A. forceps.
9033		ΪΪ	10	9.3	Brow L. Sin			Podalic version.
9092	40	î	10		VertexL. O. A	Decovery.	Living	Medium B. forceps.
9201	24	x		9.5 8.	VertexL. O.	A Decovery	Still Birth.	Craniotomy
9223	39 28		10					
9270		v	10	9.	VertexL. O.	. Recovery	CAN DO	Medium B. forceps.
9427	23	ī	10	9.	VertexL.O.	. Kecovery.	Still Birth.	High forceps; fractured skull,
9464	23	I	10	9.	VertexL.O.			Medium A. forceps.
9499	37 26	VII	10	9.	VertexR.O.			Low forceps.
9618	26	II	10	9.	VertexR. O.			High forceps.
9746		v	10	9.	FaceR. M.	P. Recovery.	Living	Podalic version.
9807	27 28	v	10	ģ.	VertexR. O.	A. Recovery.	Living	High forceps.
9844	30	ΙÝ	10	9.5	Shoulder. Not O			Podalic version; prolapsed cord.
9862	25	îv	10	8.5	VertexR. O.	A. Recovery		Podalic version.
	25 18			8.25	VertexR. O.			Induction, labor.
9926		ŢŢ	9	7.5				
29969	23	IĨĨ	10	9.5	VertexR.O.			Podalic version; prolapsed cord. Breech extraction.
9976	20	11	10	9.	BreechR. S. A	K PCOVPTV		

### FORCEPS.

### VERSIONS.

NO.	CONJ. VERA.	MOTHER.	CHILD. REMARKS.		NO.	CONJ. VERA.	MOTHER. CHILD. REMARKS.
1	-	Recovery.	.LivingFracture child's skull.	· · · · · · · · · · · · · · · · · · ·	I.		Recovery. Still Birth. Attempted forceps.
2		Recovery.	Still Birth Prolapsed cord.	i	2	8.5 CM.	RecoveryStill Birth Attempted forceps; depression
3		Recovery.	.LivingCephalic version.	f	-	102	skull; three prev. Still Births.
4	8.5	Recovery.	Living Madium forces		3	9.5	Recovery. Still Birth. Prolapsed cord; all previous lab Still Births.
5 6	9.5		Living Medium forceps. Living Low forceps.	-	4	7.5	Recovery. Still Birth Craniotomy.
7	9.5 9.5		Living Medium forceps.	7.7		8.5	Recovery. Living Prolapsed cord.
7 8	9.5	Recovery.	Living Medium forceps.		5	8.5	Recovery. Still Birth Depressed fracture skull.
9	, ,	Recovery.	Living	1	7	8.5	Recovery. Living Symphysiotomy.
10	9.5	Recovery.	.Living High forceps.			8.5	Recovery. Living Symphysiotomy.
11	9.5		Living Mother died first day.	19	9	8.5	Recovery. Still Birth Recovery. LivingSymphysiotomy; fract. humerus
12	9.5		Living		11		DiedLivingUraemia.
13	9.5 9.5	Recovery	Living	(3)	12	9.5	Recovery. Living Prolapsed cord.
14	9.5	Recovery.	.Still Birth Consultation case; po	history.	13	9.	Recovery. Still Birth
15 16	9.5	Recovery.	.Still Birth Low forceps.		14	9.	RecoveryDied Attempted forceps,
17	9.5	Recovery.	.Died		15	9.	Recovery. Still Birth.
18	9.5	Recovery.	.Died		16	9.	Recovery. Still Birth
19	9.	Recovery.	Still Birth.		17	9. 8.5	Recovery, Living Prolapsed cord. Recovery, Living
20	10.		Still Birth		19	9.5	Recovery. Living Symphysiotomy.
21	8.5	Recovery.	Still Birth. Medium forceps.		20	9.3	Recovery. Living Symphysiotomy.
22 23	9.5 9.	Recovery.	.Living High forceps.		21	ģ.	Recovery. Living
24	9.	Recovery.	.Still Birth Acc. force.		22	9.5	Recovery. Still Birth Prolapsed cord; fractured arm.
25	9.5	Recovery.	.Still Birth High forceps.		23	9.5	Recovery. Living Attem'd forceps; symphysiotomy
25 26	9.5		Still Birth		24	8.5	Recovery. Living
27 28	9.5		Living	13	25 26	8.5	Recovery Living
28	9.5		Living		27	8.5 9.	RecoveryLiving
29	8.5	Recovery.	Living		28	8.5	Recovery. Still Birth
30	9.5	Recovery.	Living		29	7.5	Recovery. Died Depression of skull.
31 32	9.5 9.5	Recovery.	Living Facial paralysis.		30		Recovery. Still Birth Hydrocephalus; ruptured uterus
33	8.5	Recovery.	Living		31	9.	Recovery. Still Birth. Prolapsed cord.
34	9.5	Recovery.	Living		32	9.	Recovery. Living Attempted forceps.
34 35 36	8.75	Recovery.	Living Prolapsed cord.		33	9.	Recovery. Living Attempted forceps.
36	10.		Living		34	9. 9.	DiedStill Birth. Mother died 3 weeks after labor Recovery. Still Birth. Prolapsed cord.
37 38	10.		Living		35 36	9.5	Recovery. Living
39	9.5 9.	Recovery.	Living	177	37	9.	Recovery. Still Birth
40	10.		T invited on		38	9.5	Recovery. Living Twins.
41	7.5			my.	39	9.5	Recovery. Living Fractured skull and fibuta.
42	10.	Recovery	Living Paralysis, face and a		40	8.75	Recovery. Still Birth. Attempted forceps; fract. skull.
43	9.25	Recovery.	Still Birth	1.00	41	9.5	Recovery. Living
44	9.	Recovery.	Living Prolapsed cord; fract	'd humerus.	42 43	9.5 10.	Recovery. Living Attempted forceps.
45 46	9.5	Decovery	Living Consultation case.	24	44	9.5	Recovery. Living Placenta Praevia.
47	9.5 10.	Recovery.	Living High forceps.	ľ.	45	9.5	Recovery. Still Birth
47 48	9.5	Recovery.	Still Birth	10	45 46	9.5	Recovery. Still Birth
49	10.	Recovery.	Living		47 48	9.	Recovery. Living Prolapsed cord; fractured skull.
50	9.5		Living			10.	Recovery. Living Ruptured uterus. Recovery. Living
51	10.		Living		49 50	9.5 9.5	Recovery. Living Induction labor; fract. clavicie.
52	9.5		Living		51	10.	Recovery. Still Birth. Attempted forceps.
53	9.5	Recovery.	Still Birth.		52	9.	Recovery, Living
54 55 56 57 58 59	9.5 10.		Living		53	9.	Recovery. Living Attempted forceps; fract. skull.
56	9.		Living	13	54	9.5	Recovery. Still Birth.
57	9.5	Recovery.	Living		55 56	_	Recovery. Still Birth. Induction labor.
58	9.5	Recovery.	Still Birth. Craniotomy child, 10	ibs.	50	9. 9.5	Recovery. Living Induction labor. Recovery. Still Birth Attempted forceps.
59	9.5	Recovery.	Living Induction labor,		57 58	9.3	Recovery. Still Birth. Prolapsed cord.
60 61	9.5	Recovery.	Still Birth Living	19	59	10.	Recovery. Living Child, 13 lbs.
62	9.5 9.5		Living		59 60	9.	Recovery. Living Induction labor.
63	9.5	Recovery.	Living		61	9.75	Recovery. Still Birth
64	10.	Recovery	Living		62	9.5	Recovery. Still Birth. Induction labor; fractured sku
65	9.5	Recovery	Living Medium forceps.		63 64	9.	Recovery. Still Birth Recovery. Still Birth
66	10.	Recovery.	Still Birth. Fractured skull.		65	9.5 9.5	Recovery. Living
67	10.	Recovery.	Living Medium forceps. Living Medium forceps.		66	9.5	Recovery. Living
68	10.	Recovery	Living Depressed, tracture sk	ull.	67	10.	Recovery. Still Birth
69 70	9. 9.5	Recovery	Living Medium forceps.		68	9.5	Recovery Still Birth Ruptured uterus; hysterrectomy.
70 71	9.5	Recovery	LivingLow torceps.	1029	69	10.	RecoveryLiving
72	9.3	Recovery.	Still Birth. High forceps.		70	9.5	Recovery. Living
73	9.	Recovery	Still Birth. High forceps. LivingLow forceps.		71	10.	Recovery. Died Induction labor.
	9.5	Dagomer	LivingLow forceps.	4.0	72		Recovery. Died Hidderion labor.

#### FORCEPS.

#### VERSIONS.

NO.	CONJ. VERA.	MOTHER.	СНП.В.	REMARKS,	NO.	CONJ. VERA.	MOTHER.	CHILD.	REMARKS.
75	9.5	Recovery	.LivingF	ligh Depressed fracture skull.	73	10.	Recovery	Living	. Prolapsed cord.
75 76	9.5	Recovery	.Living F	ligh forceps.	74	10.	Recovery.	.Living	.Fractured humerus.
77	9.5	Recovery	.Living N	Medium forceps.	75	9.	Recovery	.Still Birth.	•
77 78	9.	Recovery	.Living M	Medium forceps.	76	9.5	Recovery	.Living	\$1 G
79 80	8.5	Recovery	.LivingF	ligh forceps.	77	10.	Recovery.	.Still Birth.	•
80	9.	Recovery	Living	Medium forceps.	78	10.		Still Birth.	
81	Q.	Recovery	.Living \	Medium forceps.	79	9.5	Recovery	Living	•]
82		Recovery	.LivingA	Acc. force.	80	8.5		Still Birth.	
83	. 9.5	Recovery	Still Birth M	Medium forceps; prolapsed card	. 81	9.5	Recovery	.Living	•
84	9.5	Recovery	Living F	ligh forceps.	82	9.5	Recovery	Living	a)/
85 86	9.5	Recovery	Living N	Medium forceps.	83	9.5 ·		Living	
86	9.	Recovery	.Living	Medium forceps.	84	9.	Recovery	Living	. Depressed, fractured skull.
87 88	9.	Recovery	.Still Birth N	Medium forceps.	85	9.	Recovery	Still Birth.	. Craniotomy; fractured humerus
88	9.5			Medium forceps.	86	Q.	Recovery	Still Birth.	. Induction labor.
89	8.	Recovery	.Living F	ligh forceps.	87	8.5	Recovery	Living	
90	9.5	Recovery	Living	Medium forceps.	88	8.	Recovery	Still Birth.	. Prolapsed cord.
QI	8.5	Recovery	.Living F	ligh forceps.	89		Recovery	. Still Birth.	. Prolapsed cord; craniotomy.
92	9.	Recovery	.Living	Medium B. forceps.	90	7.5	Recovery	. Still Birth.	. Attempted forceps; craniotomy
93	9.	Recovery	Living	Medium B. forceps.	91	8.	Recovery	. Still Birth.	. Prolapsed cord.
94	9.5	Recovery	Living	Medium A. forceps.	92	0.5	Recovery	. Living	
95	9.5	Recovery	Living N	Medium B. forceps.	93	7.5			. Attempted forceps.
96	9.	Recovery	Living	Medium B. forceps.	94	3 8	Died 2d da	yStill Birth.	. Acc. force.
97	9.	Recovery	Still Birth I	High forceps; fracture skull.	95	9.	Recovery	Still Birth.	. Prolapsed arm.
98	g.	Recovery	. Living	Medium A. forceps.	96	9.5	Recovery	Living	. Attempted high forceps; fracture
99	9.	Recovery	. LivingI	Low forceps.					humerus.
100	9.	Recovery	Living I	High forceps.	97	9.5			. Prolapsed arm and cord.
IOI	9.	Recovery	Living I	High forceps.	98	9.			<ul> <li>Prolapsed cord; craniotomy.</li> </ul>
		i.5%	327		99	9.	Recovery	Living	iik
					100	9.		Living	
					101	9.5	Recovery	Living	Prolapsed cord.
					102	8.5	Recovery	Still Birth.	ingge and references to the contract of the c
					103	9.5	Recovery	Living	Prolapsed cord.

## MONTH OF GESTATION AND RESULTS TO CHILD.

One child born at seven and one-half months, still birth.

Four children born at eight months, one still birth, two deaths, one living.

Two hundred sixty-four children born at ninth to tenth month of gestation, eighty-nine still births, seven deaths, one hundred sixty-eight living.

Total mortality children, including still births, and death after delivery is 37 per cent. This high mortality, it must be remembered includes eleven cases of prolapsed cord, two or more cases of macerated foeti and represents the mortality in the two hundred sixty-nine cases of labor complicated by deformed pelves, in which operative procedure was necessary for delivery in thirty thousand labors.

### CONJUGATA VERA-

MEASURE	MENT.	NO. CASES.	MEASUREMENT-	NO. CASES.
10. cm		30	8.25 cm	
9.75 cm		2	8. cm	5
			7.75 cm	
9.25 cm		2	7.5 cm	7
9. cm		65	Not noted	18
8.75 cm		2		
Qr cm		26	Total	260

# The following operations were performed in the 269 cases:

Atempted forceps followed by version	14
Accouchment force	10
Breech extraction (6 cases twins)	44
Caesarian section	7
Cephalic version	I
Craniotomy	13
Forceps	
Induction labor	
Manual extraction, child	2
Podalic Version	
Symphysiotomy	6

COMPLICATIONS.		PRESENTATION.	POSITION.	POSITION.
Fracture, child's skull (forceps)	8	Vertex 186 Shoulder 19 Brow 4	R. O. A 48 L. O. P 13	R. Sc. P 2 L. Sinc. A 2
Prolapsed cord	2		L. S. A 23 R. S. A 17 L. S. P 4 R. S. P 2	L. M. P 2 R. M. P 4 Not noted 8

Two hundred four of the two hundred sixty-nine cases were delivered either by forceps, or version.

A comparative table of forceps and version cases is of interest:

Of the forceps cases the conjugata vera mea-Of the version cases the conjugata vera measured: sured:

10.	cm13	cases				10.	cmin11	cases
9.5	cmin50	cases				9.75	cm I	case
	cmin I					9.5	cmin33	cases
Q.	cmin22					y.	cmin29	cases
8.75	cmin 1					8.75	cm 1	case
	cm 7					8.5	cm14	cases
8.	cmin 1		7			8.	cmin 2	cases
7.5	cm in 1					7.5	cm in 4	cases
	noted 5		1 -	 S 19		Not	noted 8	cases
	Total101	cases					Total103	cases

This tabulation shows eight deaths of mothers from the following causes:

- 5633-Uraemia. C. N.
- 5799—Septicaemia Chr. Nephritis.
- C. N. 10,047—Septicaemia.
- C. N. 14,603-Rupt. Uterus, died 3rd day.
- C. N. 19,913—Caesarian Section, Septicaemia.
- C. N. 21,167-Ruptured Uterus, shock and haem, died 5 hrs, after del.
- C. N. 23,369—Caesarian Section, shock patient got up out of bed on day after operation.
- C. N. 28,382—Haem. Shock.

Seventy-two deaths of children, twenty-four after forceps and forty-eight after version.

Of the deaths following forceps cases there were two of prolapsed cord, two in which craniotomy was done, and two in which the child's skull was fractured during delivery.

Of the deaths following version there were nine cases of prolapsed cord, four of craniotomy, and one of hydrocephalus.

Eight cases were delivered by version after forceps had been unsuccessfully attempted. In five cases there resulted depressed fractures of the skull.

The Conjugata Vera measured less than nine centimeters in twenty-eight of the version cases and in eight of the forceps cases.

The following table shows the conjugata vera of these twenty-four cases in comparison to the forty-eight cases in which version resulted in still birth, or death of the child.

	FORCEPS. "		VERSION.		
CONT	VERA.	NO. OF CASES:	CONJ.	VERA.	NO. OF CASES.
10.		2	10.	cm	4
9.5		II	9.75	cm	I
9.25	cm	I	9.5	cm	9
	cm	6	9.	cm	
9. 8.5		I	8.75	cm	I
7.5		I	8.5	cm	6
Not	noted	2	8.	cm	2
24.22		-	7.5		4
Total			Not	noted	6
			7	Cotal	48
				Otal	40

The conclusions to be drawn from a study of these tables would seem to be those already stated by other observers. The choice between forceps and version is to be determined by the individual case, and its complications; but in a case of pelvic deformity, not in itself sufficient to preclude the possibility of extracting a living child, where the head is above the pelvic brim and the membranes intact, or recently ruptured, the cervix dilated or dilatable, version offers the better chance of extracting a living child. High forceps would seem contraindicated, in cases of pelvic deformity with the head above the brim, unless the membranes have been ruptured for some time, the amniotic fluid drained away, the uterus tonically contracted and the lower segment so thin that version would endanger its integrity.

Version is the easier operation to perform and is safer to mother and child, than high forceps, in cases of pelvic deformity, with the head above the brim and otherwise uncomplicated.