Table (6) Representing the collected data:

Sample (weeks ±3days)	BPD ((mm	HC (mm)
38	91.6	345.2
38	91.6	354.5
38	92.1	351.8
38	91.6	348.1
38	92.3	350.0
38	92.1	350.7
38	91.6	346.0
38	92.3	345.2
38	91.9	350.0
38	92.1	348.7
38	91.8	345.4
38	92.5	345.5
38	92.4	350.4
38	92.1	350.9
38	92.4	354.5
38	91.5	348.1
38	92.5	350.7
38	92.1	350.9
38	91.9	350.0
38	92.5	354.5
39	92.6	351.4
39	93.3	354.5
39	93.0	351.8
39	92.8	355.9
39	92.9	351.4
39	93.0	356.9
39	92.6	352.0
39	92.6	351.4
39	92.8	352.0
39	93.0	356.8
39	93.0	354.1
39	92.5	356.7

39	92.8	351.5
39	92.6	352.0
39	93.0	351.8
39	92.9	352.0
39	92.8	355.9
39	92.8	352.0
39	92.9	356.9
39	93.0	356.9
40	94.0	346.7
40	94.0	357.2
40	94.0	357.2
40	94.0	358.2
40	94.0	360.0
40	94.0	354.1
40	94.0	356.2
40	94.0	355.2
40	94.0	359.1
40	94.0	347.0
40	94.0	346.7
40	94.0	359.1
40	94.0	357.1
40	94.0	360.0
40	94.0	360.4
40	94.0	357.6
40	94.0	357.4
40	94.0	359.9
40	94.0	359.0
40	94.0	361.2

Table (7)

(Hansmann) Head circumference (4)

GA ((weeks	(HC (cm	days±
14	10.60	8
15	11.50	8
16	12.70	8
17	14.00	8
18	15.20	8
19	16.40	9
20	17.60	9
21	19.00	9
22	20.30	9
23	21.50	10
24	22.60	10
25	24.00	11
26	25.10	12
27	26.30	13
28	27.40	14
29	28.40	15
30	29.30	17
31	30.30	20
32	31.10	22
33	31.80	23
34	32.50	27
35	33.20	31
36	33.70	30
37	34.00	31
38	34.40	31
39	34.70	31
40	34.90	35

Table (8)

(Campbell) Head circumference (4)

GA (weeks)	HC (cm)	±days
14	11.50	10
15	12.60	10
16	13.70	11
17	14.80	12
18	15.90	13
19	17.00	14
20	18.10	15
21	19.20	16
22	20.40	17
23	21.50	17
24	22.70	17
25	23.80	17
26	24.90	18
27	26.00	19
28	27.10	19
29	28.10	20
30	29.00	21
31	29.90	22
32	30.80	25
33	31.50	27
34	32.00	29
35	32.50	29
36	33.00	30
37	33.50	30
38	34.00	35
39	34.30	
40	34.50	

Table (9)
Osaka University Version (BPD) [15]

GA (week)	BPD (cm)	Stander Deviation
10	1.3	0.19
11	1.7	0.20
12	2.1	0.21
13	2.5	0.22
14	2.8	0.23
15	3.2	0.24
16	3.5	0.25
17	3.9	0.26
18	4.2	0.27
19	4.5	0.28
20	4.8	0.29
21	5.2	0.29
22	5.5	0.30
23	5.8	0.31
24	6.1	0.32
25	6.4	0.32
26	6.7	0.33
27	7.0	0.34
28	7.2	0.34
29	7.5	0.35
30	7.7	0.35
31	8.0	0.36
32	8.2	0.36
33	8.4	0.37
34	8.6	0.37
35	8.8	0.37
36	9.0	0.38
37	9.1	0.38
38	9.2	0.38
39	9.3	0.39
40	9.4	0.39

<div dir="rtl">بسم الله لرحمن الرحيم</div>

Study design:

To find out the Sudanese HC curve

Cross sectional study:

ID: _____
Mother name: _____
Age   : _____   Date   : _____
GA   : _____   Parity : _____
LMP   : _____   EDD   : _____

U/S finding:
    BPD : _____
     HC   : _____
     Sex : _____

MSc. Student:
        Tagread Ahmed Abd Alla.

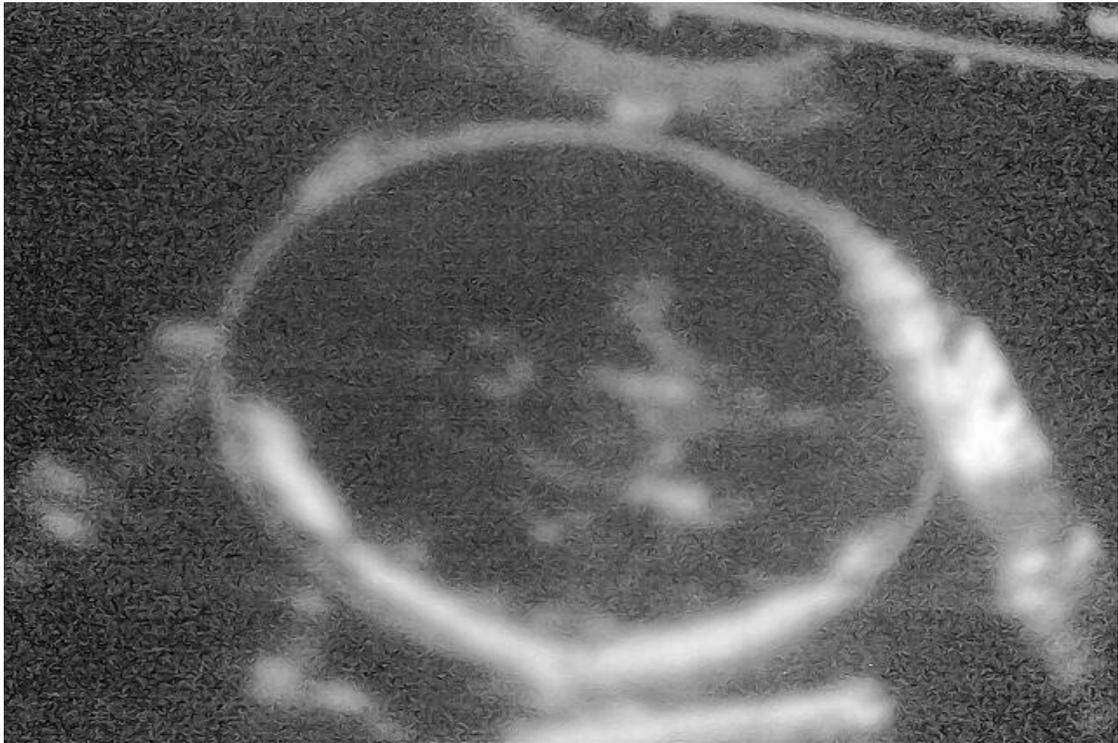Figure (1): Show HC measure 358.0 mm 39 weeks 4days.
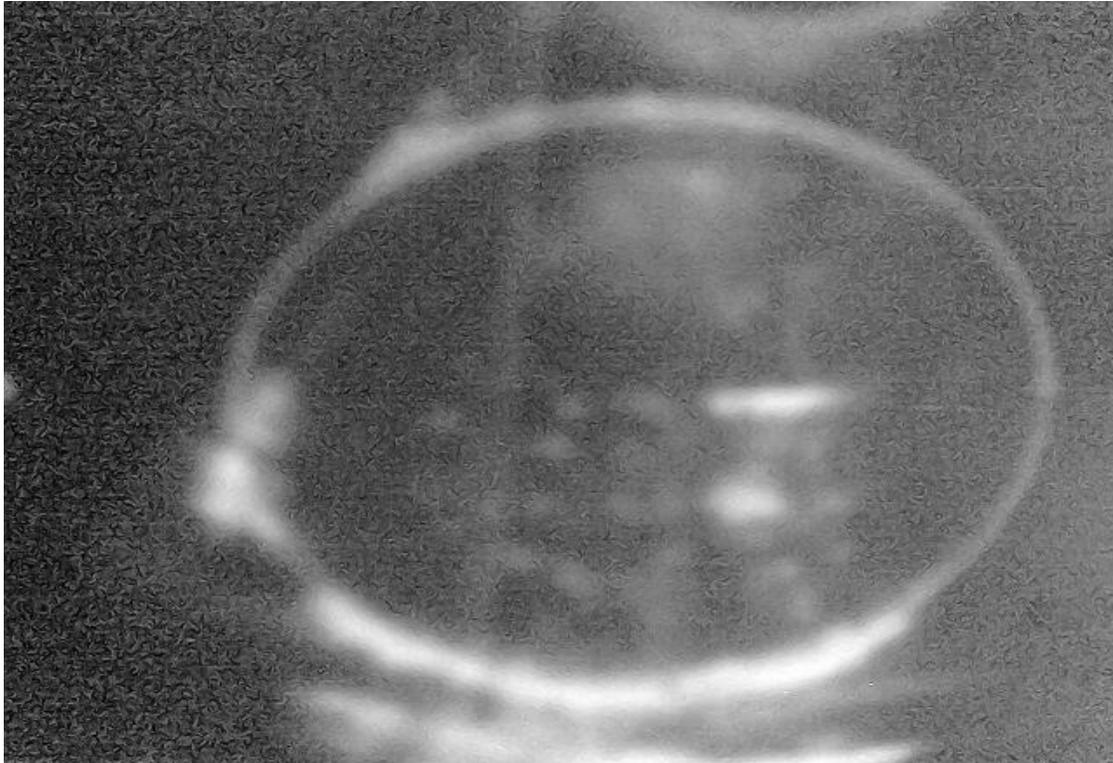
Figure (2): Show HC measure 352.8 mm 39 weeks.

Figure (3): Show HC measure 349 mm 38weeks.