31.36 + 6.1530.22 + 5.1332.24 + 4.89Age (years) 0.278 BMI (kg/m²) 28.43 ± 5.32 28.71 ± 3.21 29.17 ± 3.32 0.731 **Parity** 7.ero 14 (35.9%) a 28 (75.7%) b 14 (37.8%) a < 0.001

Non-biopsied ICSI

(n=37)

8 (21.6%)

1 (2.7%)

Non-biopsied ICSI

(n=37)

 37.92 ± 0.8

3 (8.1%)

37 (100%)

15 (40.5%)

22 (59.5%)

3029.46 ± 305.41 a

42.62 + 27.76 a

5 (13.5%) a

1 (2.7%) b

1 (2.7%)

0 (0%)

0 (0%)

0(0%)

0 (0%)

Numerical data are presented as mean ± SD and categorical data are presented as frequency (%), Statistical significance at P value < 0.05, Different lower-case letters indicate significant difference in pairwise comparison, BMI: Body mass index SGA: Small for gestational age,

Biopsied ICSI

(n=37)

15 (40.5%)

8 (21.6%)

Biopsied ICSI

(n=37)

 37.21 ± 1.6

9 (27.3%)

33 (100%)

17 (51.5%)

16 (48.5%)

3439.7 ± 576.73 b

79.45 + 22.97 b

0 (0%) b

8 (24.2%) a

7 (21.2%)

1 (3%)

0 (0%)

0(0%)

1 (3%)

P value

P value

0.088

0.104

0.08

0.609

< 0.001

< 0.001

0.047

0.026

0.641

>0.999

Table 1. Maternal and perinatal characteristics of the studied groups SC

Primipara

Multipara

Delivery data Gestational age (weeks)

Cesarian section

Birthweight (g)

Birthweight centile

Neonatal outcome

NICU admission

Pulmonary HTN

Low birthweight

Pulmonary HTN

Major comorbidity

RDS: Respiratory distress syndrome.

Preterm

Gender Male

Female

SGA

Cause **RDS**

RDS

(n=39)

8 (20.5%)

17 (43.6%)

SC

(n=39)

 37.46 ± 1.57

6 (21.4%)

26 (92.9%)

14 (50%)

14 (50%)

2896.79 ± 578.79 a

44.22 ± 33.8 a

5 (17.9%) a

4 (14.3%) ab

3 (10.7%)

1 (3.6%)

1 (3.6%)

1 (3.6%)

1 (3.6%)