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## **Yao-Lung Chang MD**

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Current position:

Chief, division of obstetric, department of obstetric and gynecology, Chang Gung Memorial Hospital, Linkou medical center.

Associate professor, Chang Gung University, Taiwan.

Dr YL Chang had been trained for fetoscopic surgery by Dr Quintero at Tampa, Florida. He also had experience of more than 160 cases of fetoscopic surgeries till June 2017.

Education

M.B. Chang Gung Medical College, Taiwan.

.Publications

1.Publications : Recent 10 manuscripts as first author

1. Preliminary report of altered insulin secretion pattern in monochorionic twin pregnancies complicated with selective intrauterine growth restriction. Chang YL, Wang TH, Abufraijeh SM, Chang SD, Chao AS, Hsieh PC. Taiwan J Obstet Gynecol. 2017 Feb;56(1):51-54

2. Outcome of twin-twin transfusion syndrome treated by laser therapy in Taiwan's single center: Role of Quintero staging system. Chang YL, Chao AS, Chang SD, Hsieh PC, Su SY, Chen KJ, Cheng PJ, Wang TH. Taiwan J Obstet Gynecol. 2016 Oct;55(5):700-70

3. Increased Fetal Plasma Erythropoietin in Monochorionic Twin Pregnancies With Selective Intrauterine Growth Restriction and Abnormal Umbilical Artery Doppler. Chang YL, Chao AS, Peng HH, Chang SD, Su SY, Chen KJ, Cheng PJ, Wang TH. Twin Res Hum Genet. 2016 Aug;19(4):383-8.

4. Fetoscopic laser coagulation of intertwin anastomoses reduces discordant placental autophagic activities in discordant twin growth. Chang YL, Wang TH, Chang SD, Chao AS, Hsieh PC. Taiwan J Obstet Gynecol. 2015 Oct;54(5):580-2.



5. Chang YL, Chao AS, Chang SD, Wang CN. Mirror syndrome after fetoscopic laser therapy for twin-twin transfusion syndrome due to transient donor hydrops that resolved before delivery. A case report. *J Reprod Med*. 2014 Jan-Feb;59(1-2):90-2.
6. Chang YL, Wang CN, Wei PC, Peng HH, Chao AS, Chang SD, Cheng PJ, Wang TH. Mitochondrial activation in the growth-restricted fetus of monochorionic twins. *Fertil Steril*. 2013 Jul;100(1):241-246.e2 (SCI ; IF=4.174 ; *Obstetric&gynecology* 4/77)
7. Chang YL, Wang TH, Chang SD, Chao AS, Hsieh PC, Wang CN Increased autophagy in the placental territory of selective intrauterine growth-restricted monochorionic twins. *Prenat Diagn*. 2013 Feb;33(2):187-90. (SCI ; IF=2.683 ; *Obstetric&gynecology* 16/77)
8. Yao-Lung Chang, An-Shine Chao, Shuenn-Dyh Chang, Peter C.C. Hsieh, Chao-Nin Wang Short-term outcomes of fetoscopic laser surgery for severe twin-twin transfusion syndrome from Taiwan single center experience: Demonstration of learning curve effect on the fetal outcomes. *Taiwanese Journal of Obstetrics & Gynecology* 51 (2012) pp. 350-353 (SCI ; IF=0.965 ; *Obstetric&gynecology* 63/79)
9. Chang YL, Chang SD, Chao AS, Hsieh PC, Wang CN, Wang TH. Placenta share discordance and umbilical artery Doppler change after antenatal betamethasone administration in monochorionic twins with selective intrauterine growth restriction: is there a link? *Twin Res Hum Genet*. 2012 Oct;15(5):680-4. (SCI ; IF=1.701 ; *Obstetric&gynecology* 37/79)
10. Chang YL, Chao AS, Chang SD, Lien R, Hsieh PC, Wang CN. The neurological outcomes of surviving twins in severe twin-twin transfusion syndrome treated by fetoscopic laser photocoagulation at a newly established center. *Prenat Diagn*. 2012 Sep;32(9):893-6. (SCI ; IF= 2.106 ; *Obstetric&gynecology* 22/79)