**Okai Takashi**

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| Avatar |

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| **Name** | Okai Takashi |
| **Affiliation** | [Imperial Gift Foundation Maternal and Child Health Center](http://researchmap.jp/index.php?action=pages_view_main&active_center=snsview_view_main_search_basicitem&item_id=24&content=Imperial%20Gift%20Foundation%20Maternal%20and%20Child%20Health%20Center&affiliationid=9999999999#_active_center_0) |
| **Section** | Aiiku Hospital |
| **Job title** | Director |
| **Degree** | (BLANK)(The University of Tokyo) |
| **Other affiliation** | [Showa University](http://researchmap.jp/index.php?action=pages_view_main&active_center=snsview_view_main_search_basicitem&item_id=24&content=Showa%20University&affiliationid=2206#_active_center_0) |

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**Research Interests**

[OBSTETRICS and GYNECOLOGY(97)](http://researchmap.jp/index.php?action=pages_view_main&active_center=snsview_view_main_search_summary&summary_id=69652&heading_id=6&search_title=OBSTETRICS%20and%20GYNECOLOGY#_active_center_0) , [MEDICAL ULTRASONICS(9)](http://researchmap.jp/index.php?action=pages_view_main&active_center=snsview_view_main_search_summary&summary_id=115272&heading_id=6&search_title=MEDICAL%20ULTRASONICS#_active_center_0) , [FETAL MEDICINE(2)](http://researchmap.jp/index.php?action=pages_view_main&active_center=snsview_view_main_search_summary&summary_id=179000&heading_id=6&search_title=FETAL%20MEDICINE#_active_center_0)

**Research Areas**

* Biomedical engineering / [Biomedical engineering/Biological material science](http://researchmap.jp/index.php?action=pages_view_main&active_center=snsview_view_main_search_summary&summary_id=09001301&heading_id=7&search_title=Biomedical%20engineering%2FBiological%20material%20science#_active_center_0) /
* Clinical internal medicine / [Embryonic/Neonatal medicine](http://researchmap.jp/index.php?action=pages_view_main&active_center=snsview_view_main_search_summary&summary_id=09007213&heading_id=7&search_title=Embryonic%2FNeonatal%20medicine#_active_center_0) /
* Clinical surgery / [Obstetrics and gynecology](http://researchmap.jp/index.php?action=pages_view_main&active_center=snsview_view_main_search_summary&summary_id=09007308&heading_id=7&search_title=Obstetrics%20and%20gynecology#_active_center_0) /

**Academic & Professional Experience**

[Plain Text](http://researchmap.jp/read0066045/?lang=english)

2000

- professor and chairman, Dent. of OB/GYN,

Showa-univ. medical school

**Education**

[Plain Text](http://researchmap.jp/read0066045/?lang=english)

 -

1973

Fuculty of Medicine, Faculty of Medicine, The University of Tokyo

**Committee Memberships**

[Plain Text](http://researchmap.jp/read0066045/?lang=english)

2002

FIGO  Member, of Advisory Panels

**Published Papers**

[Plain Text](http://researchmap.jp/read0066045/?lang=english)

First successful case of non-invasive in utero treatment of twin reversed arterial perfusion sequence by high-intensity focused ultrasound

OKAI Takashi

Ultrasound in Obstetrics & Gynecology   42 112-114   Jul 2013   [Refereed]

**Misc**

[Plain Text1234>](http://researchmap.jp/read0066045/?lang=english)

Formulas for Fetal Weight Estimation by Ultrasound Measurements based on Neonatal Specific Gravities and Volums

American Journal of Obstetrics and Gynecology   157 1140-1145   1987

A study on the Development of Sleep-Wakefulness cycle in the Human Fetus

Early Human Development   29 391-396   1992

Real-time Processable Three-dimensional Fetal Ultrasound

the Lancet   346 1307   1996

Antenatal Diagnosis of Congenital Disorders of Digestive Organs using Ultrasonic Electronic Real-Time Scanner

Problems in Perinatology   493-499   1979

Diagnosis of Early Aborition using Ultrasonic Real-Time Scanner

Problems in Perinatology   487-492   1979

**Association Memberships**

[FIGO(1)](http://researchmap.jp/index.php?action=pages_view_main&active_center=snsview_view_main_search_summary&summary_id=329706&heading_id=8&search_title=FIGO#_active_center_0)

**Research Grants & Projects**

[Plain Text](http://researchmap.jp/read0066045/?lang=english)

Non-invasive treatment of gynecolopic tumor using ultrasonics

RCT on prevention of preterm labor