

ONCORADIOLOGY

Quarterly Established in September 1992 Volume 25 Number 1 (Total 89) Mar. 28 2016

Responsible Institution

Fudan University

Sponsored by

Fudan University Shanghai Cancer Center

Assisted by

Chinese Society of Oncoradiology

Supported by

Jiangsu Hengrui Medicine Co., Ltd

Editor in Chief

CHANG Cai

LIU Shiyuan

ZHANG Yingjian

Associate Editor

FAN Wei

PENG Weijun

WANG Wenping

XU Huixiong

YANG Zhi

ZHOU Chunwu

Honorary Director

QIN Juan

Editorial Director

NI Ming

Editing and Publishing

Editorial Board of Oncoradiology

270 Dongan Road, Shanghai

200032, China

Tel: 0086-21-54244927

Fax: 0086-21-64043766

Website: www.zhongliuyingxiangxue.com

E-mail: imaging109@163.com

Typesetting and Printing

Shanghai Ou Yang Printing Co., Ltd.

Mail-Order

Editorial Board of Oncoradiology

270 Dongan Road, Shanghai

200032, China

Tel: 0086-21-54244927

Fax: 0086-21-64043766

E-mail: imaging109@163.com

CSSN

ISSN 1008-617X

CN 31-2087/R

Copyright © 2016 by the Editorial

Board of Oncoradiology

CONTENTS IN BRIEF

Specialists' Commentary

Ultrasound evaluation of malignant ovarian tumors and research progress

..... DAI Qing (1)

Application of ^{18}F -fluorodeoxyglucose PET/CT in epithelial ovarian cancer

..... HU Yingying, FAN Wei (6)

Clinical application of functional MRI in ovarian tumors

..... QIANG Jinwei (11)

Specialists' Article

Proton MR spectroscopy in differentiating benign from borderline cystic epithelial ovarian tumors

..... MA Fenghua, ZHANG Guofu, QIANG Jinwei, et al (16)

Value of combination of ^{18}F -fluorodeoxyglucose PET/CT and serum carbohydrate antigen125 and human epididymis protein4 in diagnosis of recurrent or metastatic ovarian cancers

..... ZHU Xiaxia, XU Junyan, LI Fei, et al (22)

Malignant ovarian tumor at different ages: the ultrasonographic characteristics and pathological results

..... SHANG Jianhong, DU Liu, XIE Hongning, et al (27)

The ultrasound features of borderline ovarian tumors

..... GUI Yang, DAI Qing (33)

Value of ^{18}F -fluorodeoxyglucose PET/CT imaging combined with serum carbohydrate antigen 125 and human epididymis protein 4 detection in diagnosis of ovarian malignancy

..... ZHENG Rongliang, HU Yingying, ZHANG Yarui, et al (38)

Correlation analysis between serum carbohydrate antigen 125 level and

^{18}F -fluorodeoxyglucose PET/CT in detecting recurrence and metastasis of ovarian

cancer ZHAO Weiwei, LI Yanmei, LI Peng, et al (45)

Values of ^{18}F -fluorodeoxyglucose PET/CT and serum carbohydrate antigen 125 in diagnosis of recurrent and metastatic ovarian cancers

..... YU Lijuan, SUN Yanqin, XU Jiyong (50)

MRI manifestations of Krukenberg tumors

..... JIANG Zhaoxia, PENG Weijun, ZHANG Shengjian, et al (56)

MRI features for differentiating borderline from malignant epithelial ovarian tumors

..... LI Yong'ai, QIANG Jinwei, MA Fenghua, et al (60)

Application of dynamic contrast-enhanced MRI in differentiating malignant from benign ovarian tumors

..... LI Haiming, QIANG Jinwei, MA Fenghua, et al (66)

Evaluation of lymph node metastasis of cervical cancer by ¹⁸ F-fluorodeoxyglucose PET/CT imaging	
.....	ZHAO Peng, YU Tao, ZHAO Yingjie, et al (71)
Primary study on perfusion-weighted imaging in concurrent chemoradiotherapy of cervical cancer	
.....	WANG Xiaoyu, WANG Yue, YU Tao, et al (75)
Value of three-dimensional power Doppler ultrasound in evaluation of radiotherapeutic effect for cervical carcinoma	
.....	LIU Chang, YU Tao, LUO Yahong (81)

Review

Application and value of contrast-enhanced ultrasound in ovarian masses	SHAO Chunjuan, DU Lianfang (88)
---	-----------------------------------