

**LEMBAR  
HASIL PENILAIAN SEJAWAT SEBIDANG ATAU PEER REVIEW**

**KARYA ILMIAH : JURNAL ILMIAH**

**Judul Karya Ilmiah (Artikel)** : Kidney transplantation in Indonesia: An update  
**Jumlah Penulis** : 6 Orang  
**Status Pengusul** : Tommy Supit, **Eriawan Agung Nugroho**, Ardy Santosa, Moh Adi Soedarso, Nanda Daniswara, Sofyan Rais Addin

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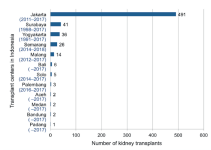
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October 2019, Volume 6 Issue 4

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### Asian Focus



### Kidney transplantation in Indonesia: An update

Tommy Supit, Eriawan Agung Nugroho, Ardy Santosa, Moh Adi Soedarso, Nanda Daniswara, Sofyan Rais Addin

Asian Journal of Urology. 2019, 6(4): 305-311. doi:10.1016/j.ajur.2019.02.003

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### Review Article

#### Microphthalmia family of transcription factors associated renal cell carcinoma

Ling Xie, Yifen Zhang, Chin-Lee Wu

Asian Journal of Urology. 2019, 6(4): 312-320. doi:10.1016/j.ajur.2019.04.003

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### Original Articles

#### Extent and predictors of grade upgrading and downgrading in an Australian cohort according to the new prostate cancer grade groupings

Kerri Beckmann, Michael O'Callaghan, Andrew Vincent, Penelope Cohen, Martin Borg, David Roder, Sue Evans, Jeremy Millar, Kim Moretti

Asian Journal of Urology. 2019, 6(4): 321-329. doi:10.1016/j.ajur.2019.03.001

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#### Comparative assessment of efficacy and safety of different treatment for de novo overactive bladder children: A systematic review and network meta-analysis

Shi Qiu, Siwei Bi, Tianhai Lin, Zhuheng Wu, Qi'an Jiang, Jiwen Geng, Liangren Liu, Yige Bao, Xiang Tu, Mingjing He, Lu Yang, Qiang Wei

Asian Journal of Urology. 2019, 6(4): 330-338. doi:10.1016/j.ajur.2019.04.001

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#### Feasibility of en bloc thulium laser enucleation of the prostate in a large case series. Are results enhanced by experience?

Giovanni Saredi, Giacomo Maria Pirola, Francesca Ambrosini, Simone Barbieri, Lorenzo Berti, Andrea Pacchetti, Domenico Iovino, Giuseppe Ietto, Letizia Libassi, Giulio Carcano

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#### The impact of intra-operative cell salvage during open nephrectomy

Ned Kinnear, Lina Hua, Bridget Heijkoop, Derek Hennessey, Daniel Spernat

Asian Journal of Urology. 2019, 6(4): 346-352. doi:10.1016/j.ajur.2018.06.008

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### The role of photovaporization of the prostate in small volume benign prostatic hyperplasia and review of the literature

Dominique Thomas, Kevin C. Zorn, Malek Meskawi, Ramy Goueli, Pierre-Alain Hueber, Lesa Deonaraine, Vincent Misrai, Alexis Te, Bilal Chughtai  
Asian Journal of Urology. 2019, 6(4): 353-358. doi:10.1016/j.ajur.2019.01.006

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### Does endoscopic sclerotherapy in filarial chyluria affect renal function and morphology? A prospective study using dimercaptosuccinic acid renal scan

Bimalesh Purkait, Apul Goel, Satyawati Deswal, Monica Agrawal, Bhupendra Pal Singh, Manoj Kumar

Asian Journal of Urology. 2019, 6(4): 359-363. doi:10.1016/j.ajur.2019.03.003

 Abstract  HTML  PDF (548KB)

### Use of a specific questionnaire and perineal electromyography to assess neuropathic pain after radical retropubic prostatectomy

Nicolas Turmel, Samer Sheikh Ismael, Camille Chesnel, Audrey Charlanes, Claire Hentzen, Frédérique Le Breton, Gérard Amarenco




Asian Journal of Urology. 2019, 6(4): 364-367. doi:10.1016/j.ajur.2018.06.004

 Abstract  HTML  PDF (416KB)

### Clinical evaluation of testicular torsion presenting with acute abdominal pain in young males

Fujun Wang, Zengnan Mo

Asian Journal of Urology. 2019, 6(4): 368-372. doi:10.1016/j.ajur.2018.05.009

 Abstract  HTML  PDF (2005KB)

## Case Reports

### Priapism secondary to chronic myeloid leukemia treated by a surgical cavernosa-corpora spongiosum shunt: Case report

Min Qu, Xin Lu, Lei Wang, Zhiyong Liu, Yinghao Sun, Xu Gao




Asian Journal of Urology. 2019, 6(4): 373-376. doi:10.1016/j.ajur.2018.12.004

 Abstract  HTML  PDF (955KB)

### Acute testicular ischaemia following aortoiliac stenting for aortoiliac occlusive disease

Li-Tsa Koh, Kiat Huat Ooi, Foo Cheong Ng




Asian Journal of Urology. 2019, 6(4): 377-379. doi:10.1016/j.ajur.2018.05.005

 Abstract  HTML  PDF (2209KB)

### A rare cause of acute urinary retention— Primary malignant melanoma of prostate

Kalpesh Parmar, Ashish Khanna, Shrawan Kumar Singh, Manjeet Sharma

Asian Journal of Urology. 2019, 6(4): 380-382. doi:10.1016/j.ajur.2019.01.003

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Review

# Microphthalmia family of transcription factors associated renal cell carcinoma



Ling Xie<sup>a,b</sup>, Yifen Zhang<sup>a</sup>, Chin-Lee Wu<sup>b,\*</sup>

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## KEYWORDS

Microphthalmia;  
TFE3;  
TFEB;  
MITF;  
Kidney;  
Renal cell carcinoma;  
Translocation

**Abstract** The microphthalmia (MiT) subfamily of transcription factors includes TFE3, TFEB, TFEC, and MITF. In the 2016 World Health Organization classification, MiT family translocation renal cell carcinoma (tRCC) including Xp11 tRCC and t(6;11) RCC, was newly defined as an RCC subtype. Xp11 and t(6;11) RCC are characterized by the rearrangement of the MiT transcription factors TFE3 and TFEB, respectively. Recent studies identified the fusion partner-dependent clinicopathological and immunohistochemical features in TFE3-rearranged RCC. Furthermore, RCC with TFEB amplification, melanotic MiT family translocation neoplasms, was identified may as a unique subtype of MiT family associated renal neoplasms, along with MITF associated RCC. In this review, we will collect available literature of these newly-described RCCs, analyze their clinicopathological and immunohistochemical features, and summarize their molecular and genetic evidences. We expect this review would be beneficial for the understanding of these rare subtypes of RCCs, and eventually promote clinical management strategies.

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The microphthalmia (MiT) family of transcription factors comprises four distinctly encoded genes: MITF, TFEB, TFE3, and TFEC. All family members share sequence homology in their DNA-contacting basic domains and the transactivation domains, recognize similar DNA sequences, indicating

potential overlap in their target gene repertoire. Additionally, these factors can heterodimerize with each other [1]. They are physiologic regulators of cell growth, differentiation, and survival in several tissue types. Several distinct tumors are associated with the dysregulation of this

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Peer review under responsibility of Second Military Medical University.



Original Article

# Extent and predictors of grade upgrading and downgrading in an Australian cohort according to the new prostate cancer grade groupings



Kerri Beckmann<sup>a,b,\*</sup>, Michael O'Callaghan<sup>c,d</sup>,  
Andrew Vincent<sup>d</sup>, Penelope Cohen<sup>e</sup>, Martin Borg<sup>f</sup>,  
David Roder<sup>a</sup>, Sue Evans<sup>g</sup>, Jeremy Millar<sup>g</sup>, Kim Moretti<sup>a,d</sup>

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## KEYWORDS

Prostate cancer;  
Grade  
misclassification;  
Biopsy;  
Radical  
prostatectomy;  
Pathology

**Abstract** *Object:* To determine the extent and impact of upgrading and downgrading among men who underwent radical prostatectomy (RP) according to new grade groupings and to identify predictors of upgrading from biopsy grade Group I and II, and downgrading to grade Group I, in a community setting.

*Methods:* Study participants included 2279 men with non-metastatic prostate cancer diagnosed 2006–2015 who underwent prostatectomy, from the multi-institutional South Australia Prostate Cancer Clinical Outcomes Collaborative registry. Extent of up- or down-grading was assessed by comparing biopsy and prostatectomy grade groupings. Risk of biochemical recurrence (BCR) with upgrading was assessed using multivariable competing risk regression. Binomial logistic regression was used to identify pre-treatment predictors of upgrading from grade Groups I and II, and risk group reclassification among men with low risk disease.

*Results:* Upgrading occurred in 35% of cases, while downgrading occurred in 13% of cases. Sixty percent with grade Group I disease were upgraded following prostatectomy. Upgrading from

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