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Editorial

Fourth Cytopathology Monograph and Atlas Series Book Titled “Cytopathology of Urine (& The Paris System)” as Extension of Open Access Charter of Cytopathology Foundation Inc

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The Cytopathology Monograph and Atlas Series (CMAS) books project^[1] under the CMAS Journal^[2] of the Cytopathology Foundation^[3] to publish cytopathology books in open access. We are delighted to announce the release of the *CMAS #4 book* titled “*Cytopathology of Urine (& The Paris System)*” [Figure 1].^[4,5]

All the book chapters in CMAS #4 [Table 1] were published initially as open-access articles in CMAS Journal.^[6-14] As one of the benefits of the open-access charter, the review articles on the topic are available as the scientific cytopathology literature as a searchable database with free access on the Internet. CMAS #4 chapters as review articles^[6-14] can be accessed as individual review articles under “Cytopathology Monograph Related Review Series” at <https://cmasjournal.com/browse-articles/>.^[15] The final CMAS #4 book will be available in various formats, including print^[5] and e-version.^[4]

As part of the Cytopathology Foundation^[3] and CMAS Journal^[2] Open-Access charter,^[16] the copyright will not be lost by the contributing authors but retained in the public domain with all its social benefits to both the authors and the readers.^[17] The academic global benefits include easy access to the figures and other material for teaching and educational purposes after a minor reasonable legal obligation of citing the original source. The addition of images to PowerPoint presentation (PPT) is as easy as a single click of the green button “*Export to PPT*” in the HTML version of CMAS Journal articles [Figure 2].

This multiauthor CMAS #4 book is edited by Bose^[18] with Shidham *et al.*^[19] as a series editor with a total of nine chapters. As highlighted previously, all the chapters were published under open access. When the CMAS book project started with CytoJournal (www.cytojournal.com),^[20] all the articles related to the first three CMAS books^[21] were published initially in CytoJournal and then modified into chapters in the respective CMAS books.^[1] Under recent updates, the articles were published initially as open-access articles in CMAS Journal (www.cmasjournal.com) as review articles.^[2] Under the open-access benefits of the Creative Commons License,^[16] these articles



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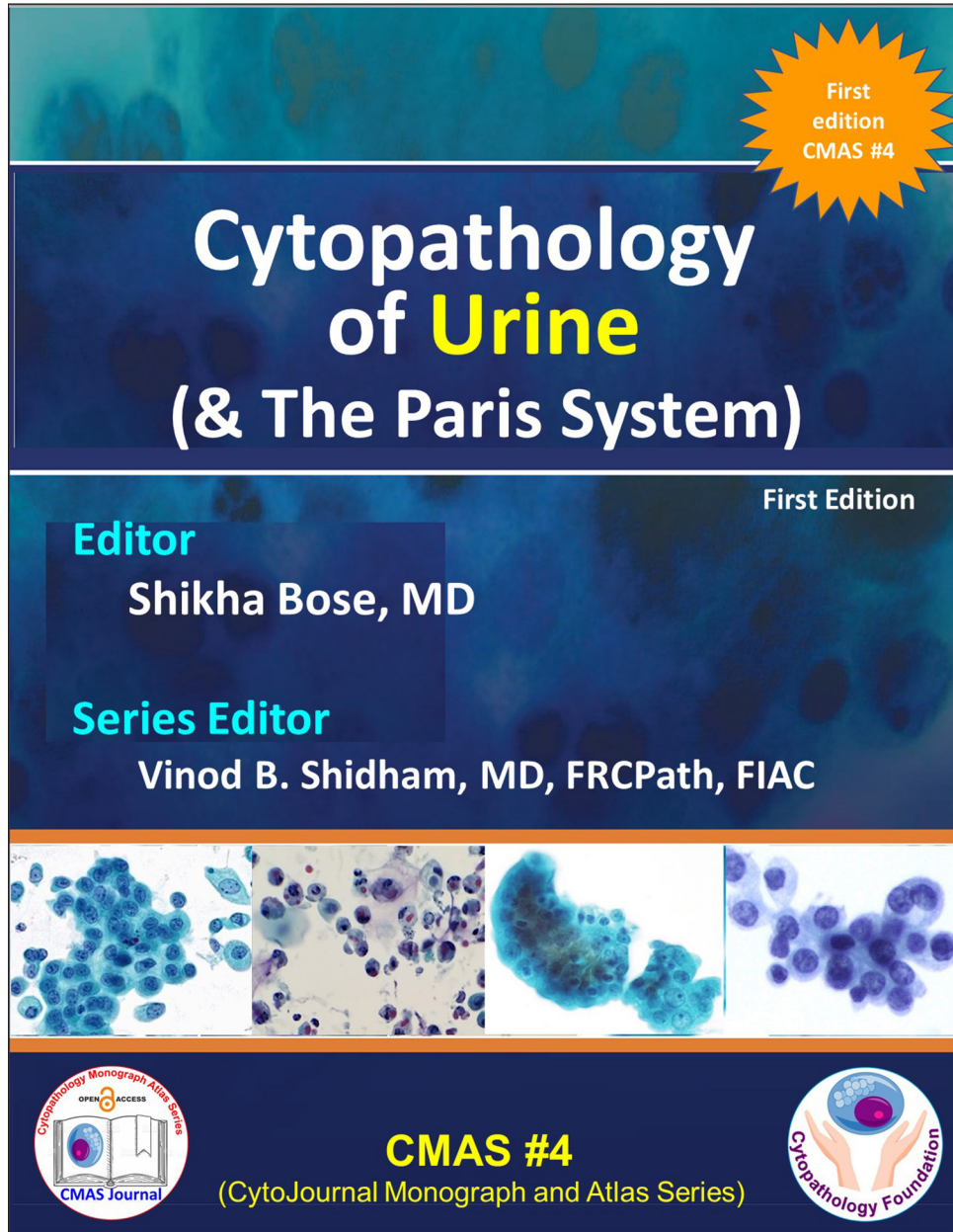


Figure 1: Cover page of the cytopathology monograph and atlas series: #4 “*Cytopathology of Urine (& The Paris System)*.”

were then modified to be formatted as individual chapters in CMAS #4 book^[1] under Cytopathology Foundation.^[3]

The hard copies of the CMAS #4 book may be purchased online in various formats, including e-version (Kindle), Paperback, and Hardcover at Amazon Books^[5] similar to other CMAS books.^[22] The soft copy will also be available in the CMAS Journal in a book-like format with flipping

pages,^[4] which will be free for Cytopathology Foundation members.^[23]

Recently, for resource-limited institutions and countries, all CMAS books are also available at significantly reduced prices under the “Low Cost Initiative” of the Cytopathology Foundation.^[24,25] The chapters in CMAS #4 book are listed in Table 1.

The screenshot shows the CMAS Journal website interface. At the top, there is a navigation bar with the journal's logo, the text "CMAS Journal Cytopathology Monograph Atlas Series (CMAS)", and an "OPEN ACCESS" badge. Below the navigation bar is a search bar and a menu with options like "Join as CF Member", "News", "Peer Review Policies", etc. The main content area displays a figure with six panels (a-f) showing microscopic images of HGUC cells. Below the figure is a caption and a green button labeled "Export to PPT" with a red arrow pointing to it. A sidebar on the right contains a list of article categories.

appropriate. HGUC: High-grade urothelial carcinoma, N/C: Nuclear-to-cytoplasmic ratio

Figure 2:
(a-f) High-grade urothelial carcinoma (HGUC): malignant cells with nuclear enlargement, high nuclear-to-cytoplasmic ratio of 0.7 or greater, moderate to severe hyperchromasia, irregular nuclear membrane outlines, and coarse/clumped chromatin. (Papanicolaou stain, (a) x600, (b) x600, (c) x600, (d) x600, (e) x600, (f) x600).

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Urine specimens with HGUC are typically cellular with numerous malignant cells, which are mostly isolated and form occasional cell groups [Figure 3]. True three-dimensional papillary clusters with central fibrovascular cores are rare in

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Figure 2: Easy importing of images to PowerPoint presentation (PPT) with a single click of green button "Export to PPT" (red arrow) feature in HTML version with CMAS Journal articles.

As part of the CMAS books project, the future books in the series on various topics will be published on an ongoing basis. We thank all the authors for their efforts and invaluable participation in this project. We anticipate continued

participation by authors and readers by harvesting the benefits of the open-access charter in cytopathology under the non-profit efforts of the Cytopathology Foundation team.^[2] The online book release event will be broadcast soon.

Table 1: CMAS #4: Cytopathology of Urine (& The Paris System): Chapter and Author details.

Ch No.	Chapter title	Author
1	Cytology of the Urinary Tract: Specimen Sampling, Preparation, Adequacy, and Normal Cellular Components	Kristine Astvatsaturyan ^a David Frishberg ^a Arsen Ramazyan ^b
2	Benign and non-neoplastic urinary tract lesions	Kristine Astvatsaturyan ^a David Frishberg ^a Gopal Patel ^c Arsen Ramazyan ^b
3	Low-grade urothelial neoplasia	Souzan Sanati ^d Paniz Sabeghi ^a
4	High-grade urothelial carcinoma	Jing Zhai ^a
5	Non-urothelial malignancy in urine cytology	Jing Zhai ^a
6	Reporting systems for urinary cytology: Past, Present, and Future	Ann E. Walts ^a
7	Pitfalls in urinary tract cytology: Algorithmic approach and the Paris system	Vinod B. Shidham ^e Mir Yousufuddin Ali Khan ^e Lester J. Layfield ^f
8	Review of biomarkers for urine cytology	Douglas D. Lim ^b Jianyu Rao ^b
9	A review of digital pathology and AI applications for urine cytology	Keluo Yao ^a

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Ch No.: Chapter number,

CMAS: Cytopathology Monograph and Atlas Series

ABBREVIATIONS

CMAS: Cytopathology Monograph and Atlas Series

PPT: PowerPoint presentation.

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