11. Jhang JF, Hsu YH, Kuo HC. Characteristics and electrocauterization, direct injection of steroids, and a higher rate of likely pain driver, it also opens additional therapies including fulguration, direct injection of steroids, and a higher rate of response to cyclosporine. In this retrospective study, the authors describe their outcomes in Interstitial Cystitis/Bladder Pain Syndrome patients who had HL and were treated with fulguration, triamcinolone injection, or cyclosporine while continuing their other baseline therapies. Improvement with bladder directed therapies was high but retreatment was often required. What lessons can we draw from this experience? First that delay in diagnosis of the HL was 2 years. Current AUA guidelines have cyclosporine as a third line therapy once conservative treatments have failed. The authors and I disagree with this stance. It does not make sense to deprive patients with HL of highly effective therapies which could and should be provided up front, especially that 46% of the patients were requiring chronic narcotics. The second lesson is that HL directed therapies are simple to perform, effective, and should not be confined to academic centers of excellence. Finally, although cyclosporine is firmly established in the guidelines as a fifth line therapy it can be effective and bladder preserving, especially in the HL population. While many Urologists may be reluctant to use it due to its side effect profile it can be safely given at this dose with a minimum of patient monitoring.

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https://doi.org/10.1016/j.jurology.2019.07.037


AUTHOR REPLY

The editorial comment provides an excellent summary of the major take away points we hoped to portray in this retrospective review. Specifically, in our practice patients with IC/PBS and Hunner’s lesions often experience delay to lesion targeted therapy which is most benefical for them. This delay occurs at multiple management points along the IC/PBS management pathway. Initially, it happens at the time of diagnosis as AUA guidelines do not recommend cyclosporine until patients have failed multiple conservative treatments and thus patients with Hunner’s lesions are not identified until much later. Another delay occurs after cystoscopy is done, patholoogy is found to be benign, and no further lesion targeted treatments are offered. Finally, we demonstrate that 3/4 of the patients will need repeated treatments for their lesions and should be offered this when clinical symptoms recur or worsen.

This work demonstrates our long-term experience and safety of lesion targeted treatment with direct triamcinolone injection and its use alongside with cyclosporine. Over 80% can expect overall improvement with lesion targeted therapy and side effect profile is low. As more evidence accumulates on the efficacy of lesion targeted treatment for patients with Hunner’s lesions, a modification in the AUA guidelines may be warranted to address management of this distinct phenotype of IC/PBS as noted by the editorial comment.

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https://doi.org/10.1016/j.jurology.2019.07.038


EDITORIAL COMMENT

Interstitial Cystitis/Bladder Pain Syndrome (IC/BPS) is a heterogeneous condition best treated by mulimodal therapy driven by clinical phenotyping. An established clinically relevant subtype are patients with Hunner’s Lesions (HL) which are visible during cystoscopy. Not only does finding HL establish the bladder as a likely pain driver, it also opens additional therapies including fulguration, direct injection of steroids, and a higher rate of response to cyclosporine.