Mirena® removal from a nulliparous woman

I recently removed a Mirena® intra-uterine system (IUS) from a lady who had a tight nulliparous cervix. I had to pull on the threads fairly firmly to get the IUS to come out from the cervix. When the IUS came out I noticed that the levonorgestrel-containing cylinder had become displaced and was near the top of the 'arms' of the IUS (Figure 1). I have never dilated a cervix for an IUS/ intrauterine device removal but perhaps, in retrospect, in this case it might have been a good idea. I was concerned that if the cylinder had become further displaced, it might have remained inside the uterine cavity after the main body of the IUS had been removed.

Figure 1 The displaced levonorgestrel-containing cylinder can be seen near the top of the 'arms' of the intrauterine system.

I was wondering if other readers had come across this situation?

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