INTRODUCTION

Medical Education in India principally based on the transfer of Medical knowledge from teacher to student and assisting the students to acquire the necessary skills and attitudes related to practice of medicine. Thus the Medical education encompasses the three domains of learning the cognitive, the psychomotor and the affective. In India, the Medical Schools coming under Dr. NTR University of Health Sciences, Andhra Pradesh, offer a 4 ½ years medical curriculum to the students, comprising of 9 semester of 6 month each, two semester as 1st MBBS, 3 semester for 2nd MBBS, 2 semester each for Part 1 and Part 2 of 3rd MBBS curriculum. Improvement in the quality of Medical Education can be brought about by many
ways. One among them is ‘Evaluation’. It acts as feedback mechanism in the cycle of system. Evaluation can be done on the ‘input’, ‘process’ or ‘output’. The outcome of evaluation influences the future course of actions in a ‘system’. There are two main reasons to conduct educational evaluation. Firstly, the attitude of programme participants about the results of evaluation may be uplifting and improve activities; secondly, evaluation helps the teachers to be accountable of the expenses including time, money and facilities. Evaluation is one of the main factor that can direct education from a static status to a dynamic and high quality one (O’Hadyabadi and Ghouраchie, 2002). Usually the medical teachers’ concept of evaluation is ‘Evaluation of Students made by the Teachers’. The results of these evaluation processes are going to help the teacher to understand about the weak areas of the students, so that some improvement in the teaching and learning methods can be implemented. The most common sources of evaluation data have been students, peers, and teacher’s themselves (Valle et al., 2004). To understand the weak areas of the teacher, it needs a different method of evaluation. It is either to be done by the peers as in ‘micro teaching’ or it should be done by the students who are the stakeholders.

Many institutions including, medical schools have searched for ways to evaluate performances of their faculty members, effectively and constructively (OGimbel et al., 2008). Students’ perceptions of their learning environment have a positive influence on their academic outcomes1. Evaluation of Teachers by the students is to be undertaken every year, to improve the teaching learning process and overall educational environment. The ultimate aim of the MCI and medical institutions is to bring about student centric method of teaching and learning process and to develop competencies among the graduates. It is important to understand the perception of the students in regard to the evaluation made on their teachers. Student feedback is generally considered to be valuable. Few data addressing students’ perceptions about teaching evaluations are available from developing countries. Students in developing countries tend to be submissive, and remain unaware of their rights as stakeholders in the education process (Iqbal and Khizar, 2009). Students’ evaluation of teachers is the sole measure used in most of the institutes including ours. There are several tools to collect students’ opinion about faculty members; the commonest and most important one is questionnaire. The aim of this study was to assess the perception of medical students concerning Medical teacher’s evaluation process in a private medical college.

MATERIALS AND METHODS

In this cross sectional study, questionnaires were distributed to 150 Medical students of 5th semester; a structured pre-designed, pretested and validated questionnaire was used for data collection. Questionnaire includes three section; section I, Students were asked to provide information about their personal and professional background. In section II, 11 questionnaire were designed which included items for their general characteristics, their opinion about process of medical teachers evaluation, how dutiful and honestly they responded to questionnaires, how valuable the results were considered rated on a five point Likert scale and section III includes 4 multiple choice questions. Validation of questionnaire was done by involving 3 experts in medical education and pilot study. The Institutional Review Board approved the study proposal and ethical considerations were respected by taking the informed consent from all the students who participated in the study. Data were coded and analyzed using SPSS software version 18, summarizing the continuous and categorical variables.

RESULTS

The mean age of the subjects was 19.6 Years (SD=0.83); 33.3% were males and 66.7% were females. Table I shows the frequency of student’s opinion about content of evaluation, its implementation and feedback of the results. 88.0% Students came from English medium, 11.3% were from Telugu medium and 0.7% was from other media of instruction in their 10 + 2 (Intermediate education) studies. 72.0% were from state board; 16.0% from CBSC pattern and 12.0% were from other syllabi. When it compared the educational status of the parents of the students, 36.7% were Postgraduates; 32.7% were graduated; 11.3% were studied up to Intermediate; high school education was there to 12% and the rest 7.3% were illiterates. Only 18.7% students were exposed to this kind of Teachers evaluation in their earlier institutions. A majority of students agreed that Results of their evaluation are valuable feedback to facilitate learner centered teaching (40.0% Agree and 24.7% strongly agree). 34.7% Agree and 18.7% strongly agree that the teacher’s personality influences their evaluation, whereas 45.3% agree and 30.7% strongly agree that subject matter / subject of the teacher influences their evaluation. 32.0% Agree and 14.7% strongly agreed that when a teacher receives evaluation feedback, it is possible that the teacher may retaliate on the final exam after receiving poor scores 36.7% were neutral on this question whereas 13.3% Disagree and 3.3% strongly disagreed.

79.3% students felt that there should be a sensitization session for them before the teacher evaluation is done based on a questionnaire. 37.3% agreed and 31.3 % strongly agreed that their feedback on teacher’s evaluation by students will influence the quality of teacher’s future teaching efforts, 20.0% were neutral whereas 13.3 disagree and 3.3 % strongly disagree on this point. 88.0% of students responded that they were honest and impartial in answering teachers evaluation, 2.7% believed that they were not honest and impartial, as well 2.7 % believed that questionnaire were responded without careness and dutifulness. 39.3% agreed and 31.7% strongly agreed that it was appropriate for students to judge and evaluate teachers teaching, 44.0% agreed and 22.7% strongly agreed that the teacher who receive the best scores may not be the most effective teacher, 4.0 % strongly disagreed on this issue. Student’s opinion regarding the authorized person who looks after the analysis of the teacher’s evaluation forms was asked. Majority of them (49.3%) told that they don’t know about that authority. 24.7% agreed and 31.7% strongly agreed that the teacher who receive the best scores may not be the most effective teacher, 4.0 % strongly disagreed on this issue. Student’s opinion regarding the authorized person who looks after the analysis of the teacher’s evaluation forms was asked. Majority of them (49.3%) told that they don’t know about that authority. 24.7% agreed and 31.7% strongly agreed that the teacher who receive the best scores may not be the most effective teacher, 4.0 % strongly disagreed on this issue.
Students perceive that their feedback help to practice learner centered teaching. Mustafa et al. (2012) highlighted the responsibility of learners i.e. students to give constructive feedback to clinical educators. According to him the promotion process will benefit from proactive role of learners, teachers and administrators (Glick, 2002). In view of the importance of impartial feedback by students an orientation program should be undertaken before collecting the feedback. Our study 79.3% agreed that an explanatory program is essential for students. Present study 70.6% students feel that it is appropriate for students to judge the teaching effectiveness and 66.7% believe that higher score obtained by any teacher doesn’t justify that the teachers’ teaching effectiveness. Similarly observations reported by Christopher K in his study among pharmacy students. In his study 92.5% feel that it is appropriate for students to judge teaching effectiveness and 50.4% perceive that good score given by teacher not justify the teachers’ teaching effectiveness (Christopher et al., 2007).

### DISCUSSION

Various methods for evaluating ‘effectiveness of teaching’ were undertaken by the medical colleges, in India, in the last decade. Invariably, students evaluating faculties teaching skills is one of the most common methods adopted by all colleges. But very little is known about the students’ perception about their role as evaluators of their teachers. In our study majority of the students were girls i.e. 66.7% and mean age of the participants was 21.3 years (Amr Mostafa et al., 2012). In the present study 82.6% reported that they were dutiful and careful in giving feedback. Majority i.e. 88% agreed that they were honest and impartial in evaluating teachers. Lechner in his review considered student’s own perception of their learning as the most realistic indicator of teaching quality and teacher’s evaluation (Lechner, 2001). Students’ evaluations of faculty are sometimes used for faculty development and for administrative personnel decisions such as promotion and tenure (Al-Yousuf, 2007). In our study students reported several factors which influences their evaluation such as personality of teacher (53.4%), Subject matter (76%) and fear of retaliation by 46.7% subjects. However 68.6% agreed that their feedback will influence the quality of teacher’s future teaching efforts and 64.7% were of opinion that feedback given by them is valuable to facilitate learner centered teaching. Mustafa et al reported that 24.5% students perceive that their feedback help to practice learner centered teaching (Amr Mostafa et al., 2012).

### Conclusion

Medical Teachers evaluation has always been a major part of Medical education system, Teachers evaluation must be approached more analytically, objectively and comprehensively to ensure that all Medical teachers receive the fairest treatment possible and that teaching learning process is enhanced. Though majority of the students admitted that they were very honest, impartial, dutiful and careful in answering questions. Study observed that students’ decision in answering evaluation questions is influenced by personality of teacher, subject matter and fear of retaliation. Students understand that their feedback will influence the teachers teaching efforts and making teaching learner centered. To conclude student’s feedback is very valuable but as it is
influenced by many factors it should not be the only method of evaluating teachers’ teaching effectiveness.

Acknowledgement

Authors acknowledge the immense help received from the scholars whose articles are cited and included in references of this manuscript. The authors are also grateful to authors / editors / publishers of all those articles, journals and books from where the literature for this article has been reviewed and discussed.

Source of funding: Nil

Ethical Clearance: Institutional Review Board approved and no Interventional procedure.

Conflicts of Interest: Nil.

Author Disclosures: Authors have no conflict of interest. This study was a part of Intra departmental research activities in Forensic Medicine and Medical Education Unit at Kamineni Institute of Medical Sciences, Narketpally.

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