

QUALITY ASSURANCE SYSTEM FOR
ACCREDITATION IN MEDICAL
EDUCATION

BY

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MEDICAL AND ALLIED TRAINING INSTITUTES IN INDIA

MEDICAL COLLEGES – 250

DOCTORS QUALIFYING EVERY YEAR – 27,000

DIFFERENT PLAYERS INVOLVED

- GOVT. OF INDIA – MINISTRY OF HEALTH & FAMILY WELFARE
- MEDICAL COUNCIL OF INDIA
- STATE GOVERNMENT WHERE INSTITUTE IS LOCATED
- STATE MEDICAL COUNCIL
- UNIVERSITY TO WHICH COLLEGE IS AFFILIATED
- UNIVERSITY GRANTS COMMISSION
- STATE HEALTH UNIVERSITIES
- NATIONAL BOARD OF EXAMINATIONS

POSTGRADUATE MEDICAL EDUCATION

- AT PRESENT THERE ARE TWO STREAMS
- M.D. AND M.S. AFFILIATED TO AN UNIVERSITY
- DIPLOMATE OF NATIONAL BOARD OF EXAMINATIONS

- M.D./M.S CAN BE TRAINED ONLY IN MEDICAL COLLEGE
- NBE TRAINING CAN ALSO BE CARRIED OUT IN HOSPITALS ACCREDITED FOR THIS.

RESPONSIBILITY FOR
ACCREDITATION AND AUDIT

UNDERGRADUATE MEDICAL EDUCATION

MEDICAL COUNCIL OF INDIA

MINISTRY OF HEALTH & FAMILY WELFARE,
GOVT. OF INDIA

POSTGRADUATE MEDICAL EDUCATION

MEDICAL COUNCIL OF INDIA

NATIONAL BOARD OF EXAMINATIONS

OPENING OF A NEW MEDICAL COLLEGE

- STATE GOVT. HAS TO CERTIFY THERE IS NEED
- UNIVERSITY INVOLVED HAS TO AGREE
- STATE MEDICAL COUNCIL TO BE KEPT INFORMED
- APPLICATION CONSIDERED BY MEDICAL COUNCIL OF INDIA
- SITE INSPECTIONS BY MEDICAL COUNCIL OF INDIA
- RECOMMENDATION TO MINISTRY OF HEALTH FOR FINAL APPROVAL

MEDICAL COUNCIL OF INDIA

- RECOGNIZES NEW COLLEGES
- CARRIES OUT INSPECTION AND AUDIT
- APPROVES NEW POST GRADUATE COURSES
- RECOGNIZES DEGREES GIVEN BY INSTITUTIONS OUTSIDE THE COUNTRY
- LAYS DOWN GUIDELINES FOR TRAINING ATTEMPTS TO ENHANCE QUALITY OF TRAINING

DEVELOPMENT OF HEALTH UNIVERSITIES

A RECENT DEVELOPMENT

- ALL MEDICAL COLLEGES PULLED OUT OF THE GENERAL UNIVERSITY TO WHICH THEY HAVE BEEN ATTACHED TO AND A HEALTH UNIVERSITY HAS BEEN FORMED.
- THINKING WAS THAT AN AUTONOMOUS HEALTH UNIVERSITY WOULD BE ABLE TO IMPROVE STANDARDS OF MEDICAL EDUCATION

HEALTH UNIVERSITIES

FORMED IN FOLLOWING STATES

MAHARASHTRA

PUNJAB

WEST BENGAL

KARNATAKA

UTTAR PRADESH – K.G. UNIVERSITY

TO ENSURE STANDARDIZATION OF CURRICULA
ACROSS DIFFERENT MEDICAL COLLEGES IN STATE

IMPACT

- NO MAJOR IMPACT MADE AS YET BY STATE UNIVERSITIES
- TWENTY YEARS TOO SHORT A PERIOD PERHAPS FOR ASSESSING ITS IMPACT
- OTHER STATES ARE NOT SETTING UP HEALTH UNIVERSITIES
- NEWER TEACHING METHODOLOGIES EASIER TO INCORPORATE THROUGH HEALTH UNIVERSITIES

INTRODUCTION OF MODULE ON TEACHING OF RATIONAL USE OF MEDICINES

- ONE DECISION BY HEALTH UNIVERSITY OF MAHARASHTRA
- ALL 17 MEDICAL COLLEGES IN STATE ARE NOW TEACHING RATIONAL USE OF MEDICINE

MEDICAL COUNCIL RECOMMENDATIONS

- MAXIMAL EFFORTS TO ENCOURAGE INTEGRATED TEACHING
- EVERY EFFORT TO BE MADE TO DE-EMPHASIZE COMPARTMENTALIZATION OF DISCIPLINES
- ACHIEVE HORIZONTAL AND VERTICAL INTEGRATION AT DIFFERENT PHASES

MEDICAL COUNCIL RECOMMENDATIONS

- FACULTY MEMBER SHOULD AVAIL OF MODERN EDUCATIONAL TECHNOLOGY WHILE TEACHING THE STUDENTS
AND
- MEDICAL EDUCATION DEPARTMENTS TO BE ESTABLISHED AT ALL MEDICAL COLLEGES FOR FACULTY DEVELOPMENT AND PROVIDING LEARNING RESOURCE MATERIAL TO TEACHERS

MEDICAL COUNCIL OF INDIA RECOMMENDATIONS

- ALL THE RIGHT CONCEPTS
- GOOD SUGGESTIONS AND RECOMMENDATIONS
- WEAK IMPLEMENTING AND OVERSIGHT MECHANISMS
- RECOMMENDATIONS NOT TRANSLATED INTO ACTION
- SITUATION AT GROUND LEVEL REMAINS UNCHANGED EXCEPT IN A FEW OUTSTANDING MEDICAL SCHOOLS

UNIVERSITY GRANTS COMMISSION EFFORTS TO ENSURE QUALITY

SEVERAL SCHEMES LAUNCHED NOT CONFINED TO HEALTH

- INNOVATIVE PROGRAMS INCLUDING EMERGING AREAS
- INTERNATIONAL CO-OPERATION
- IDENTIFICATION OF UNIVERSITIES AND COLLEGES WITH POTENTIAL FOR EXCELLENCE
- NETWORKING OF UNIVERSITIES AND COLLEGES
- FACULTY IMPROVEMENT PROGRAM
- SCHEMES FOR STRENGTHENING OF RESEARCH
- ACCREDITATION SYSTEM
- NATIONAL ELIGIBILITY TEST

NATIONAL ELIGIBILITY TEST

CONDUCTED BY THE NATIONAL EDUCATIONAL
TESTING BUREAU OF UGC

- TO DETERMINE ELIGIBILITY FOR LECTURESHIP AND FOR AWARD OF JUNIOR RESEARCH FELLOWSHIPS
- TO ENSURE MINIMUM STANDARDS FOR ENTRANTS TO TEACHING PROFESSION AND RESEARCH

OTHER MECHANISMS FOR ENSURING QUALITY IN HIGHER EDUCATION

- COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
- NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL
- QUALITY ASSURANCE CELL OF GOVT. OF ANDHRA PRADESH
- MEDICAL EDUCATION BY PASSED

ASSESSMENT OF QUALITY OF TEACHING IN MEDICAL COLLEGES

- EXPERIENCE OF FEED BACK FORM FILLED UP BY STUDENTS AFTER EACH LECTURE

ALL INDIA INSTITUTE OF MEDICAL SCIENCES

- SYSTEM INITIATED THEN DISCONTINUED

GOVT. MEDICAL COLLEGE, CHANDIGARH

- INTRODUCED THEN DISCONTINUED

PROBLEMS AND OBSTACLES

- INABILITY TO ENSURE UNIFORM STANDARDS IN ALL MEDICAL COLLEGES
- GREAT VARIABILITY IN QUALITY OF THE DOCTORS BEING PRODUCED

VARIATION IN QUALITY OF DOCTORS BEING PRODUCED

- COLLEGE TO COLLEGE
- STATE TO STATE
- UNIVERSITY TO UNIVERSITY
- NO UNIFORM INDIA BRAND DOCTOR
BEING PRODUCED BY ALL MEDICAL
COLLEGES, ALL UNIVERSITIES, ALL
STATES

WHY

- MEDICAL COUNCIL OF INDIA UNABLE TO IMPLEMENT ALL ITS RECOMMENDATIONS
- POLITICAL PRESSURES TO ESTABLISH MEDICAL COLLEGES AND ACCREDIT THESE IN STATES
- GROWTH OF PRIVATE MEDICAL COLLEGES WITH INADEQUATE MANPOWER AND INFRASTRUCTURE
- CORRUPT PRACTICES IN THE SYSTEMS OF REGULATION AND GOVERNANCE

SOME OTHER FACTORS

- LACK OF TEACHERS IN SOME SUBJECTS LIKE ANATOMY, PHYSIOLOGY, BIOCHEMISTRY, FORENSIC MEDICINE
- FACULTY AT MOST MEDICAL COLLEGES ARE ALLOWED PRIVATE PRACTICE – CONFLICT OF INTEREST

HIGH STANDARDS OF MEDICAL EDUCATION

- ALL INDIA INSTITUTE OF MEDICAL SCIENCES – NEW DELHI
- CHRISTIAN MEDICAL COLLEGE – VELLORE
- ARMED FORCES MEDICAL COLLEGE – PUNE
- MAULANA AZAD MEDICAL COLLEGE – NEW DELHI
- G S MEDICAL COLLEGE – MUMBAI
- POST GRADUATE INSTITUTE OF MEDICAL EDUCATION AND RESEARCH – CHANDIGARH

ALL OF THESE CENTRES OF EXCELLENCE HAVE FULL TIME NON-
PRACTISING FACULTY

CHANGES NEEDED TO IMPROVE SYSTEM

- TRANSPARENT SYSTEM FOR RECOGNITION OF NEW MEDICAL COLLEGES
- UNIFORMITY OF CURRICULUM
- CHANGE IN SYSTEM OF ASSESSMENT AND EXAMINATION

PRESENT POSITION

- INDIA HAS SOME EXCELLENT MEDICAL COLLEGES
- INDIA HAS SOME MEDICAL COLLEGES WHICH SHOULD NOT BE ALLOWED TO FUNCTION
- SOME INDIAN MEDICAL GRADUATES – EXCELLENT QUALITY
- OTHER INDIAN MEDICAL GRADUATES – VERY POOR QUALITY

PRESENT POSITION

- SOME WORTHWHILE EFFORTS BEING MADE
- PROGRESS RECORDED IN LAST TWENTY YEARS
- MUCH MORE NEEDS TO BE DONE
- STRATEGIES ALREADY IDENTIFIED SHOULD BE IMPLEMENTED

MEDICAL EDUCATION AS A PROFITABLE BUSINESS

- THIS GROWING TENDENCY HAS LED TO DETERIORATING STANDARDS AND GROWTH OF FINANCIAL TRANSACTIONS WHICH ARE UNETHICAL

STRONG GOVERNANCE
AND
OVERSIGHT NEEDED

COMMISSION IN MACROECONOMICS AND HEALTH - 2006

- CO-CHAIRER BY MINISTER OF HEALTH AND MINISTER OF FINANCE – GOVT. OF INDIA
- RECOMMENDED THAT MEDICAL COUNCIL OF INDIA SHOULD RESTRICT ITSELF ONLY TO UNDERGRADUATE MEDICAL EDUCATION

POSTGRADUATE MEDICAL EDUCATION - 2006

- COMMITTEE CONSTITUTED BY GOVT. OF INDIA
- MAJOR RECOMMENDATIONS :-
 - A NEW POSTGRADUATE MEDICAL EDUCATION BOARD OF INDIA TO BE ESTABLISHED
 - MEDICAL COUNCIL OF INDIA SHOULD CONCENTRATE ON IMPROVING QUALITY OF UNDERGRADUATE MEDICAL EDUCATION IN THE COUNTRY

ADVANTAGES OF HAVING A SEPARATE POSTGRADUATE MEDICAL EDUCATION BOARD

- CONCENTRATION ON POSTGRADUATE MEDICAL EDUCATION
- ENSURE UNIFORMITY OF TEACHING
- HAVE ONE AUTHORITY TO CONDUCT AUDIT
- EXAMINATION SYSTEM WILL BE CONTROLLED BY ONE CENTRAL AUTHORITY

ADVANTAGES OF HAVING A SEPARATE POSTGRADUATE MEDICAL EDUCATION BOARD

- ENSURE THAT THERE IS ONLY ONE POSTGRADUATE QUALIFICATION AND NOT AS NOW
 - UNIVERSITY DEGREE OR
 - NATIONAL BOARD OF EXAMINATIONS

THE INDIAN POSTGRADUATE FROM ANYWHERE WILL BE BRAND INDIA – NO VARYING STANDARDS AS AT PRESENT