Role of Doctors On Effective Implementation of National Drug Policy of Bangladesh
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Economic Impact of Drug

- ‘Fortune 500’ is the list of highest profitable business fields in the world published by Fortune magazine in which pharmaceutical industry holds the position of top most profitable business for the last 10 years at a time.

Ref: Fortune-500. Fortune 2002 April; Cover story: 3-6.
Cont....

- Our Annual Total National Health Care expenditure is 7500 crores.
- Annual spending on drug is 4000 crores.
- Drug constitutes almost 55 percent of total National Health Care expenditure.

Ref: Unpublished data of a BMRC sponsored nation wide study
World Health Organization calls for an uniform National drug Policy for every country at mid seventies.

It was a matter of great honor that we are one of the only 14 countries of the world who responded properly and developed a National Drug Policy in 1982.

The drug policy 1982 headed by the National Professor Dr. Nurul Islam was applauded by the whole world at that time.

It was also discussed and praised by W.H.O and the House Of Commence in Britain.

Many editorial and sub editorial article were published in renowned news papers like International Herald Tribune, The Guardian etc. with good remarks and felicitation.

Objective of NDP

- 1. Accessibility.

Tale of A Drug

- In 2002 “March” introduce Cox-2 inhibitor in the market.
- Rofecoxib was the first brand to be introduced.
- It creates a tremendous response among the Physicians of whole world.
- At that time In Bangladesh its sale Volume was incredible.
Cont....

- But Just with in two year March think to quit Rofecoxib from the market because its trial designed to test the hypothesis that COX_2 inhibitors could prevent recurrent colonic polyp showed increased cardiovascular toxicity.

“The results of three Randomized, Placebo controlled trials provide new evidence about the cardiovascular risks of Rofecoxib, celecoxib and valdecoxib”

In September 2004: March voluntarily withdrew Rofecoxib from the market.

At that time there yearly turnover was 1.2 billion dollars.

Rofecoxib is the second most sold drug after Viagra.
Cont....

- U.S. Senate took a special bill against the use of Rofecoxib.
- They also form a Cox-2 inhibitor commission to withdraw valdecoxib and celecoxib.
- E. Union, New Zealand and Canada also make Anti inflammatory commission.
Cont....

- So many new drugs are entering into our market.
- We have to be very cautious before prescribing these drugs.
- Physicians' role is to choose the ideal drug for the patient which is safe and of course cost effective.
# Therapeutic Jungle

<table>
<thead>
<tr>
<th>Fluoroquinolones</th>
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<tr>
<td>Ciprofloxacin</td>
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<td>Gatifloxacin</td>
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Cont..........

- Omeprazole
- Pantoprazole
- Esomoprazole
- Rabeprazole
- Lansoprazole
- Enalapril
- Perindopril
- Captopril
- Fosinopril
- Lisinopril
- Cilazapril
- Ramipril

Being a poor and small country like Bangladesh, we have more than 300 pharmaceutical company. It is an abnormal figure.

Nowadays more than 16 thousand different brand of drugs are producing by these companies.

In the last 2/3 years huge amount of drug is marketed in our country.

And 95% of these product are USFDA approved.

“55% of all FDA advisory panelists had financial interests in the drugs they reviewed”

“A transcript of the most Recent arthritis advisory panel (Who gave permission of marketing cox_2 inhibitors) meeting in June,2004 shows that seven of the 14 panelists including the panels chairperson, received waivers for financial conflicts of interest.”

Steven Galson Acting Director of centre for Drug evaluation and Research said, “our current drug approval system has demonstrated that we do not always understand the full magnitude of drug risks prior to approved of drug products.

Ref: Tanne JH. FDA will increase post marketing surveillance of drugs, BMJ 2004. News; 329:1203
Our Drug Controlling Authority

*At present most of the members are not technically sound or specialists of Drug.

- Most of the members of the technical committee are actually the representative of drug companies.
- It is a matter of question that how this committee will ensure the quality and safety of drug.
So we as a physician have to raise our voice to reform this committee immediately by putting more pharmacologist, physicians, pharmacists and clinicians.

So that no substandard or spurious drug may enter in to the market just for profit.

We have a Adverse Drug Reaction monitoring cell in the Drug Directorate only by name.

We have no ADR statistics. we don’t feel any necessity of providing information of ADR.

Our role is to inform all form of ADR to the Cell.
Key Message

• Unnecessarily expensive drugs.

• Inappropriate use of antimicrobials.

• Poly pharmacy.

• Irrational self medication.
Cont.........

- Drugs taken in under dose.
- We have to raise our voice to include more physicians and other specialists in the technical committee.
- We should not be tempted by unfair tactics of the Pharmaceuticals.
Pharmaceuticals - BULIMIA
Drug is not a fancy commodity like Snow, Powder, Cream or Foods like Chocolate and ice-cream.

It is a life saving product.
THINK BEFORE INK FOR EFFECTIVE IMPLEMENTATION OF DRUG POLICY IN BANGLADESH.
Thanks For Being With Me