



Quarterly Morbidity & Activity Report

QMAR

Better Information, Better Decision, Better Health.

Vol.I, Issue 3 (July-September 2008)

December 2008

In commemoration of 30 Years of Primary Health Care, Bhutan shares her experiences through the eyes of our Health Workers. The articles are not edited to retain its originality and QMAR will try to bring as many as articles as possible in the forthcoming issues.

Just an incident

Sonam Jamtsho (ACO) Samtse Hospital

In this issue: 2 Health Service availed by non-Bhutanese 3 Hospital Mortality 4 Communicable & Non-communicable 4

| Nutritional status | 5 |
|--------------------------|----|
| Malaria report | 6 |
| TB report | 6 |
| Human Resource Report | 11 |

Editorial

Disease

op of the world, at the top of Dagala is the feeling one experience. This place is virtually cut off from hustle and bustle life of the city by the nature. Tiredness is over come by the serenity of higher altitude's scenic mountains, flowers, yaks and glacier lakes. In this peaceful, calm, natural environment lives an innocent beautiful 4 years old girl, deprived of her fundamental right for protection against the vaccine preventable diseases, out of sheer innocence and strong traditional values. This girl with beautiful mind like any other children of Bhutan has been sent to this part of the earth by the creator of this universe with purpose, the purpose to grow into a mountain as big as Dagala itself.

This is the incident which occurred during the National Immunization Day (NID). I am reflecting and writing this incident of more than one decade ago. We reached the first vaccination post one day before the vaccination day. Upon our arrival, we were served with hot butter tea, fired cheese with added sugar, an indication of warm hospitality. There is also a saying that if they get unwanted guest, they serve curd on arrival which causes blotting of abdomen and discomfort leading to retreat. Dinner was served before dark to avoid the obstacle of darkness as sun is the only good source of light. As customary, we chatted over dinner and during the talk she revealed a very important point that her only daughter had not been vaccinated so far, which drew my attention. She cited the reason that her daughter, if provoked stops breathing and and becomes blue. She also consulted the traditional healer and he advised her to not to allow any needle prick to her body. I did gave

counseling to the mother and also demystify her belief but with not much success I resigned for the day in my sleeping bag in dilemma, what to do next regarding this girl's shot. After completing the vaccination of other children, I did the chest auscultation and to my level of knowledge I was convinced that her problem was not related to heart and lungs. This very golden moment, my memory did wonder by remembering the lecture given by the pediatrician during my Health Assistant 2 years training, regarding the temper tantrum and its presentation. My instinct decided that I will go ahead with the vaccination.

contd. on page 16>>

EDITORIAL

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Are we doing more harm than good?

This is a common scenario in the medical world: Mr. A is a 55-year old man who has type-II diabetes, hypertension and arthritis. He was admitted to the hospital to bring his blood glucose level under control and yesterday he was started on a different drug for his diabetes. Today, he is complaining of increased pain in his knee and there is redness, tenderness and swelling in his knees. The nurse thinks that this is a worsening of his arthritis. The doctor thinks that this is a new medical problem. The pharmacist thinks that this is an adverse drug reaction (ADR). Who is right?

Contrary to the popular belief, no medicine is 100% safe for all people in all circumstances. Just because the drug is approved, marketed and widely used in developed countries with stringent regulatory authorities does not mean it won't cause problems. They all do, ranging from minor side effects to permanent disability. There must be so many cases like Mr. A, most of which are never regarded as an ADR or even worse, the patient is prescribed yet another drug to treat the new problem.

The extent and overall incidence of ADR is unknown. Some studies suggest that about 7 of every 100 patients in the hospital experience a serious ADR during their stay and about 3 in every 1000 hospitalized patients may die as a result of drug-related problems. ADR is the 4th leading cause of death in the US. The science and activities relating to detection, assessment, understanding, and prevention of adverse effects or other drug related problems, popularly known as "Pharmacovigilance", regained much momentum after the much publicized Vioxx® (Rofecoxib, Merck) incident of 2004. Rofecoxib, a widely used new generation anti-inflammatory drug was withdrawn from the market just 5 years after it was marketed due to an increased risk of serious cardiovascular events such as heart attacks and strokes with death toll exceeding to over 28,000 in that span of 5 years.

Pharmacovigilance was launched in Bhutan in 2005. In spite of the rather poor uptake of the programme due to lack of awareness, unclear reporting channel and low incidence of reporting, it was surprising to note that over 51 ADRs have been reported to the Pharmacy Department of JDWNRH till date, a rather significant number for a population of our size. Could it be that out of 42,789 hospital admissions in 2007, a fraction of it was due to ADR? While it would be clinically wrong to assume that all of these 51 are confirmed ADR cases; nonetheless it has given us grounds to believe that a problem does exist even in Bhutan. What we need to do next is revive pharmacovigilance with renewed and coordinated efforts so that the Bhutanese people will continue to have faith in our Health System.

For a country like Bhutan, relying heavily on research findings and clinical studies of other countries, do we not need to think twice before we go ahead introducing yet another new drug on our essential drugs list or prescribing a recently marketed drug? Let's ask ourselves first. Are we doing more harm than good?

Manusika Rai

I. Timeliness of the Report

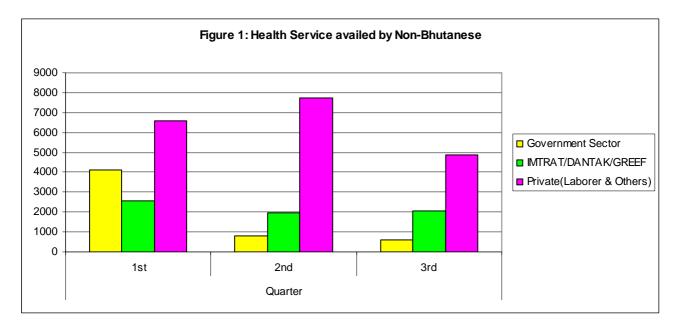
The following descriptive analysis includes only 12 Dzongkhags. As per the policy directives of Health Ministry, all Dzongkhags should have sent the 3rd quarter data by 15th November 2008. However the following Dzongkhags has not sent the data as of 15th November 2008:

- a) Dagana
- b) Gasa
- c) Haa
- d) Paro
- e) Pemagatshel
- f) Punakha
- g) Samdrup Jongkhar
- h) Samtse

This report will cover only the data received by Health Information and Management Unit that is namely the morbidity and activity report. There are so many vertical reporting systems and the number varies from district to district. The data of such reporting system are not included as its reliability and consistency is not assessed.

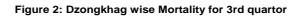
II. Health Service availed by Non-Bhutanese

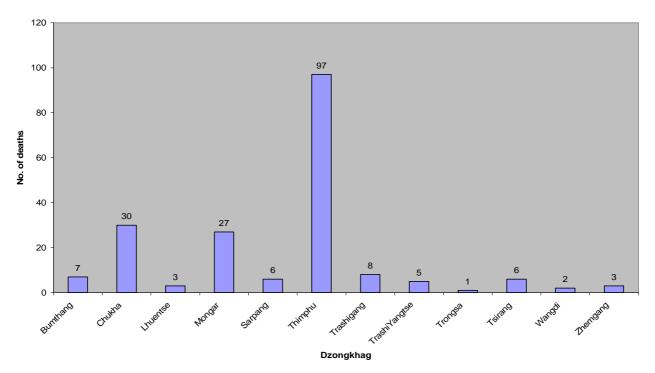
In this quarter the number of Non-Bhutanese who availed health service have decreased to 7,557 when compared to the 1st (13,292) and 2nd (10,519) quarter. Of the 7,557 Non-Bhutanese who availed health services, 8% are working in the government organization, 27.2% are DANTAK/IMTRAT/GREF employees and 64.8% are working in the private sector.



Note: The figure does not include Non-Bhutanese who would have availed services from BHU.

III. Hospital Mortality





The high mortality in Thimphu Dzongkhag could be possibility due to cases referred to the National Referral Hospital.

IV. Communicable & Non-communicable Diseases

TABLE 1

Communicable health problems (July to September 2008)

| | | | | Diseases | | |
|-----------|---------------|-----------|-----------|---------------------|----------------|-----------|
| SI. no | Dzongkhag | Diarrhoea | Dysentery | Intestinal Worms | Conjunctivitis | Pneumonia |
| 1 | Bumthang | 415 | 98 | 30 | 372 | 41 |
| 2 | Chukha | 2256 | 795 | 742 | 1061 | 619 |
| 3 | Lhuentse | 368 | 95 | 114 | 239 | 51 |
| 4 | Mongar | 1132 | 591 | 235 | 1080 | 324 |
| 5 | Sarpang | 769 | 341 | 159 | 852 | 395 |
| 6 | Thimphu | 1528 | 625 | 134 | 414 | 319 |
| 7 | Trashigang | 1682 | 619 | 222 | 1035 | 298 |
| 8 | TrashiYangtse | 893 | 284 | 146 | 287 | 163 |
| 9 | Trongsa | 376 | 285 | 101 | 331 | 46 |
| 10 | Tsirang | 660 | 607 | 270 | 756 | 290 |
| 11 | Wangdi | 1640 | 589 | 164 | 832 | 135 |
| 12 | Zhemgang | 765 | 161 | 175 | 565 | 162 |
| | | | | | | 4 |

TABLE 2

Non-communicable health problems (July to September 2008)

| SI. | | Diseases | | | | |
|-----|---------------|--------------|---------------------------|--|--|--|
| no | Dzongkhag | Hypertension | Alcohol Liver Diseases | | | |
| 1 | Bumthang | 127 | 7 | | | |
| 2 | Chukha | 652 | 29 | | | |
| 3 | Lhuentse | 78 | 5 | | | |
| 4 | Mongar | 343 | 45 | | | |
| 5 | Sarpang | 604 | 43 | | | |
| 6 | Thimphu | 314 | 41 | | | |
| 7 | Trashigang | 415 | 22 | | | |
| 8 | TrashiYangtse | 207 | 10 | | | |
| 9 | Trongsa | 114 | 7 | | | |
| 10 | Tsirang | 376 | 12 | | | |
| 11 | Wangdi | 274 | 26 | | | |
| 12 | Zhemgang | 141 | 7 | | | |

V. Nutritional Status of children under 5 who have visited health centre:

| | | | Nutri | tional stat | | | |
|---------------|----------------------|--------|---------|----------------|---------|--------------|---------|
| Dzongkhag | Child Attendances | Normal | Percent | Over weight | Percent | Under weight | Percent |
| Bumthang | 3058 | 2397 | 78.38 | 403 | 13.18 | 196 | 6.41 |
| Chukha | 8697 | 6224 | 71.56 | 1451 | 16.68 | 915 | 10.52 |
| Lhuentse | 2807 | 1636 | 58.28 | 621 | 22.12 | 334 | 11.90 |
| Mongar | 9058 | 6287 | 69.41 | 1593 | 17.59 | 1154 | 12.74 |
| Sarpang | 4962 | 3451 | 69.55 | 928 | 18.70 | 583 | 11.75 |
| Thimphu | 12999 | 9247 | 71.14 | 2850 | 21.92 | 900 | 6.92 |
| Trashigang | 7665 | 5680 | 74.10 | 1111 | 14.49 | 1047 | 13.66 |
| TrashiYangtse | 3509 | 2302 | 65.60 | 578 | 16.47 | 659 | 18.78 |
| Trongsa | 2011 | 1418 | 70.51 | 398 | 19.79 | 169 | 8.40 |
| Tsirang | 2971 | 2282 | 76.81 | 359 | 12.08 | 373 | 12.55 |
| Wangdi | 3764 | 2965 | 78.77 | 608 | 16.15 | 244 | 6.48 |
| Zhemgang | 3285 | 2067 | 62.92 | 606 | 18.45 | 493 | 15.01 |

TABLE 3 Nutritional status of children under 5 who have visited health centers

The above fig. may not represent of the entire Dzongkhag since it is based only on those children coming to the health facility.

VII. Malaria Report

TABLE 4

Malaria report July to September 2008

| Veriables | 0-4 | l years | 5-14 years | | 15-49 years | | >50 years | | Total | | Grand |
|------------------|------|---------|------------|--------|-------------|--------|-----------|--------|-------|--------|---------|
| Variables | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female | - Total |
| Pf | 0 | 0 | 6 | 3 | 24 | 7 | 6 | 2 | 36 | 12 | 48 |
| Pv | 4 | 0 | 1 | 1 | 21 | 8 | 2 | 0 | 28 | 9 | 37 |
| Mixed Malaria | 0 | 1 | 1 | 2 | 6 | 0 | 2 | 2 | 9 | 5 | 14 |
| death | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 2 |

PF: Plasmodium Falciparum PV: Plasmodium Vivax

VIII. **TB Report**

TABLE 5

TB report July to September 2008

| | | | ry Positive | | Pulmonary Negative | Extra Pulmonary | | Case finding indicator A/ (A+E+F) *100 |
|--------|-----|---------|-------------|---------|-----------------------|--------------------|-------|--|
| Gender | New | Relapse | Failure | Default | New | New | Total | |
| | (A) | (B) | (C) | (D) | (E) | (F) | | |
| Male | 43 | 8 | 3 | 0 | 18 | 57 | 129 | 36.44 |
| Female | 40 | 8 | 1 | 0 | 9 | 55 | 113 | 38.44 |
| Total | 83 | 16 | 4 | 0 | 27 | 112 | 242 | 37.38 |

TABLE 6

Visits of pregnant woman for Ante-natal Clinic (ANC) Check up

| Sl.no | District | | Visit | | | | |
|--------|---------------|------|-------|------|------|--|--|
| 51.110 | District | 1st | 2nd | 3rd | More | | |
| 1 | Bumthang | 86 | 83 | 76 | 83 | | |
| 2 | Chukha | 450 | 374 | 358 | 648 | | |
| 3 | Lhuentse | 87 | 73 | 70 | 106 | | |
| 4 | Mongar | 220 | 221 | 199 | 251 | | |
| 5 | Sarpang | 203 | 217 | 207 | 260 | | |
| 6 | Thimphu | 681 | 608 | 535 | 961 | | |
| 7 | Trashigang | 244 | 213 | 165 | 194 | | |
| 8 | TrashiYangtse | 102 | 107 | 83 | 90 | | |
| 9 | Trongsa | 54 | 54 | 38 | 39 | | |
| 10 | Tsirang | 91 | 79 | 64 | 65 | | |
| 11 | Wangdi | 188 | 162 | 125 | 95 | | |
| 12 | Zhemgang | 95 | 98 | 63 | 65 | | |
| | Total | 2501 | 2289 | 1983 | 2857 | | |

TABLE 7 Hospital admission & average length of stay

| SI. | | Admission/Quarter | | | | |
|-----|-------------------------|-------------------|-------------------|------------------------|--|--|
| no | Hospital | Patient days | 3rd quart | Average length of stay | | |
| | | Fallent uays | TOLAT AUTITISSION | Average length of stay | | |
| 1 | BAJOBHU I | 691 | 289 | 2.4 | | |
| 2 | BUMTHANG HOSPITAL | 6 | 167 | 0.0 | | |
| 3 | CHUKHA BHU I | 180 | 170 | 1.1 | | |
| 4 | DAMPHU HOSPITAL | 883 | 307 | 2.9 | | |
| 6 | GAYLEGPHUG HOSPITAL | 2833 | 769 | 3.7 | | |
| 7 | GEDU HOSPITAL | 2212 | 580 | 3.8 | | |
| 8 | GIDAKOM HOSPITAL | 3447 | 180 | 19.2 | | |
| 9 | GYALPOSHING BHU I | 4 | 28 | 0.1 | | |
| 10 | JDWNR HOSPITAL | 18520 | 2972 | 6.2 | | |
| 11 | KANGLUNG BHU I | 176 | 70 | 2.5 | | |
| 12 | LHUNTSE HOSPITAL | 752 | 149 | 5.0 | | |
| 13 | LUNGTENPHU RBA HOSPITAL | 0 | 114 | 0.0 | | |
| 14 | MONGAR HOSPITAL | 6394 | 957 | 6.7 | | |
| 15 | PANBANG BHU I | 0 | 67 | 0.0 | | |
| 16 | PHUNTSHOLING HOSPITAL | 2554 | 791 | 3.2 | | |
| 17 | RANGJUNG BHU I | 30 | 31 | 1.0 | | |
| 18 | RISERBOO HOSPITAL | 1188 | 207 | 5.7 | | |
| 19 | SARPANG HOSPITAL | 568 | 196 | 2.9 | | |
| 20 | TRASHIGANG HOSPITAL | 2554 | 597 | 4.3 | | |
| 21 | TRONGSA HOSPITAL | 308 | 122 | 2.5 | | |
| 22 | TSIMALAKHA HOSPITAL | 966 | 243 | 4.0 | | |
| 23 | WANGDI RBA HOSPITAL | 658 | 134 | 4.9 | | |
| 25 | YANGTSE HOSPITAL | 1410 | 219 | 6.4 | | |
| 26 | YEBILAPTSA HOSPITAL | 1334 | 275 | 4.9 | | |
| 27 | ZHEMGANG BHU I | 0 | 22 | 0.0 | | |

TABLE 8

Skilled birth attendance

| Sl.no | Dzongkhag | Trained delivery &BCG,OPV0 vaccinated 3rd quarter | | | |
|--------|---------------|---|-----|-------|--|
| 51.110 | Dzoligkilag | Attended delivery | BCG | OPV-0 | |
| 1 | Bumthang | 45 | 68 | 58 | |
| 2 | Chukha | 284 | 368 | 315 | |
| 3 | Lhuentse | 41 | 71 | 76 | |
| 4 | Mongar | 179 | 225 | 227 | |
| 5 | Sarpang | 160 | 218 | 211 | |
| 6 | Thimphu | 533 | 850 | 847 | |
| 7 | Trashigang | 137 | 225 | 171 | |
| 8 | TrashiYangtse | 30 | 80 | 84 | |
| 9 | Trongsa | 24 | 52 | 41 | |
| 10 | Tsirang | 12 | 73 | 69 | |
| 11 | Wangdi | 55 | 128 | 99 | |
| 12 | Zhemgang | 33 | 78 | 59 | |

Table 9 Referred cases July to September 2008

| | | Def | |
|---------|---------------|------|-------|
| SI. no | District | Refe | erred |
| 01. 110 | District | In | Out |
| 1 | Bumthang | 12 | 21 |
| 2 | Chukha | 13 | 120 |
| 3 | Lhuentse | 24 | 41 |
| 4 | Mongar | 274 | 230 |
| 5 | Sarpang | 26 | 137 |
| 6 | Thimphu | 615 | 35 |
| 7 | Trashigang | 40 | 113 |
| 8 | TrashiYangtse | 33 | 49 |
| 9 | Trongsa | 5 | 41 |
| 10 | Tsirang | 7 | 43 |
| 11 | Wangdi | 16 | 75 |
| 12 | Zhemgang | 37 | 88 |

Table 10

Top ten under 5 years' morbidity data

| Sl.no | Disease name | Total |
|-------|--|-------|
| 1 | Common Cold | 11056 |
| 2 | Skin Infections | 3978 |
| 3 | Diarrhoea | 3391 |
| 4 | Other Disorders of Skin & Subcutaneous-tissues | 1907 |
| 5 | Acute Pharyngitis/Tonsilitis | 1694 |
| 6 | Other Respiratory & Nose Diseases | 1585 |
| 7 | Pneumonia | 1455 |
| 8 | Dysentery | 1258 |
| 9 | Other Diseases of the Digestive System | 1244 |
| 10 | Conjunctivitis | 1140 |

TABLE 11

| | op ten indoor morbidity data | |
|-------|--|-------|
| SI.no | Disease name | Total |
| 1 | Other complications of pregnancy | 1013 |
| 2 | Pneumonia | 747 |
| 3 | Other Kidney, UT/ Genital Disorders | 534 |
| 4 | Other Respiratory & Nose Diseases | 513 |
| 5 | Other Diseases of the Digestive System | 494 |
| 6 | Injuries & Poisoning | 401 |
| 7 | Common Cold | 253 |
| 8 | Typhoid | 224 |
| 9 | Peptic Ulcer Syndrome | 208 |
| 10 | Other Disorders of Skin & Subcutaneous-tissues | 195 |

TABLE 12 Dental services from July to September 2008

| SI. | District | | D | ental Service | es | | |
|-----|---------------|-------------|---------|---------------|-------------|--------|--|
| No | District | Prophylaxis | Scaling | Fillings | Extractions | Others | |
| 1 | Bumthang | 5 | 0 | 142 | 217 | 164 | |
| 2 | Chukha | 40 | 36 | 810 | 851 | 1212 | |
| 3 | Lhuentse | 13 | 5 | 85 | 63 | 68 | |
| 4 | Mongar | 15 | 10 | 312 | 482 | 639 | |
| 5 | Sarpang | 17 | 1 | 578 | 619 | 1344 | |
| 6 | Thimphu | 269 | 90 | 1996 | 3168 | 3746 | |
| 7 | Trashigang | 9 | 19 | 390 | 639 | 354 | |
| 8 | TrashiYangtse | 12 | 0 | 61 | 133 | 116 | |
| 9 | Trongsa | 10 | 0 | 69 | 96 | 209 | |
| 10 | Tsirang | 7 | 1 | 256 | 108 | 246 | |
| 11 | Wangdi | 5 | 1 | 272 | 254 | 201 | |
| 12 | Zhemgang | 8 | 3 | 72 | 85 | 93 | |
| | Total | 410 | 166 | 5043 | 6715 | 8392 | |

TABLE 13 Diagnostic Services

| SI. | District | | X-Ray | | Ultrasound | | | |
|-----|---------------|-------|-------------|--------|------------|---------|--------|--|
| no | District | Chest | Extremities | Others | Gyn/Obs | Abdomen | Others | |
| 1 | Bumthang | 53 | 51 | 27 | 47 | 2 | 4 | |
| 2 | Chukha | 796 | 396 | 308 | 900 | 450 | 45 | |
| 3 | Lhuentse | 77 | 50 | 32 | 0 | 80 | 0 | |
| 4 | Mongar | 460 | 150 | 233 | 548 | 435 | 62 | |
| 5 | Sarpang | 193 | 165 | 120 | 716 | 461 | 133 | |
| 6 | Thimphu | 2921 | 2659 | 1275 | 3273 | 2642 | 331 | |
| 7 | Trashigang | 152 | 78 | 68 | 426 | 164 | 6 | |
| 8 | TrashiYangtse | 90 | 54 | 46 | 0 | 0 | 0 | |
| 9 | Trongsa | 32 | 35 | 12 | 0 | 0 | 0 | |
| 10 | Tsirang | 63 | 85 | 29 | 136 | 122 | 0 | |
| 11 | Wangdi | 178 | 194 | 89 | 268 | 128 | 162 | |
| 12 | Zhemgang | 77 | 69 | 59 | 0 | 0 | 0 | |
| | Total | 5092 | 3986 | 2298 | 6314 | 4484 | 743 | |

TABLE 14

Laboratory Services Provision by District from July to September 2008

| SI. | | | | Te | est | | | | |
|-----|------------|----------------------|-------------------|-------------------|--------------|-------|-------|------|--------|
| no | District | Hemoglobin levels | Blood grouping | Malaria slides | TB Sputum | Urine | Stool | HIV | Total |
| 1 | Bumthang | 1107 | 325 | 38 | 21 | 749 | 7 | 144 | 1077 |
| 2 | Chukha | 5653 | 1848 | 2362 | 492 | 4081 | 711 | 625 | 18208 |
| 3 | Lhuentse | 622 | 268 | 63 | 43 | 1630 | 48 | 109 | 4033 |
| 4 | Mongar | 1842 | 695 | 86 | 179 | 1377 | 60 | 263 | 4817 |
| 5 | Sarpang | 2197 | 654 | 5702 | 206 | 3636 | 53 | 271 | 27179 |
| 6 | Thimphu | 14780 | 10166 | 2249 | 591 | 26467 | 1008 | 2567 | 251891 |
| 7 | Trashigang | 1483 | 1059 | 108 | 95 | 2807 | 42 | 269 | 8414 |
| 8 | T/Yangtse | 715 | 210 | 94 | 19 | 542 | 33 | 128 | 515 |
| 9 | Trongsa | 362 | 197 | 20 | 22 | 209 | 23 | 65 | 2196 |
| 10 | Tsirang | 1037 | 320 | 509 | 34 | 420 | 11 | 125 | 2548 |
| 11 | Wangdi | 1528 | 731 | 151 | 141 | 1285 | 24 | 462 | 4332 |
| 12 | Zhemgang | 606 | 134 | 598 | 13 | 1093 | 17 | 39 | 4201 |
| | Total | 31932 | 16607 | 11980 | 1856 | 44296 | 2037 | 5067 | 329411 |

TABLE 15Surgeries by district from July to September 2008

| SI. no | District | Caesarian section | Gen/ abdominal | Gen/ others | Ortho extremities | Ortho others | Gynae- cology | ENT | Eye |
|-----------|------------|----------------------|-------------------|----------------|----------------------|-----------------|------------------|-----|-----|
| 1 | Bumthang | 0 | 0 | 14 | 0 | 0 | 7 | 0 | 0 |
| 2 | Chukha | 8 | 98 | 208 | 718 | 372 | 2 | 17 | 14 |
| 3 | Lhuentse | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4 | Mongar | 39 | 41 | 64 | 27 | 4 | 69 | 5 | 10 |
| 5 | Sarpang | 18 | 5 | 24 | 27 | 47 | 25 | 0 | 20 |
| 6 | Thimphu | 160 | 348 | 126 | 223 | 25 | 256 | 81 | 151 |
| 7 | Trashigang | 15 | 17 | 25 | 0 | 0 | 4 | 0 | 5 |
| 8 | T/Yangtse | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 |
| 9 | Trongsa | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 10 | Tsirang | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 11 | Wangdi | 0 | 15 | 41 | 10 | 43 | 4 | 13 | 18 |
| 12 | Zhemgang | 0 | 0 | 14 | 0 | 2 | 4 | 0 | 0 |
| | Total | 240 | 524 | 516 | 1005 | 493 | 371 | 116 | 219 |

IX. Human Resource Report:

TABLE 16

Training (July – September 2008)

| | | | | Location | | Source of |
|------|----------------------------------|-------------------------------------|---|---|----------|------------------|
| SI.# | Name | Department/Division | Course Title | Insitute | Country | funding |
| 1 | Mr Gempola | Lab. Tech, PHL | SAARC regional Training of Microbiologist for sputum culture and drug susceptibiligy test | NTI, Banglore | India | SAARC |
| 2 | Mr Kinley Dorji | Project Cordinator, World Bank | Standard Rules & Procurement Procedure of the world Bank | NIFM, Delhi | India | World Bank |
| 3 | Mr Pema Wangdi | Asst. Procuremenet officer, DVED | Standard Rules & Procurement Procedure of the world Bank | NIFM, Delhi, India | | World Bank |
| 4 | Mr Tandin | Pharmacist, JDWNR Hospital | HIV/AIDS diagnosis, Prevention and control | Japan | Japan | JICA |
| 5 | Dr Karma Sangay | Medical Officer, Thimphu | HIV/AIDS diagnosis, Prevention and control | Japan | Japan | JICA |
| 6 | Dr Phub Dorji | Gynecologist, JDWNRH | IRB Survey | Bangkok | Thailand | Organizer |
| 7 | Mr Rinzin Wangchuk | PHL, JDWNRH | Regional Training of Virologist and technician from Measeles Laboratory Network. | National Institute of Health, BKK | Thailand | WHO |
| 8 | Dr Krihna Sharma | Pathologist, JDWNRH | Regional Training of Virologist and echnician from Measeles Laboratory Network. | National Institute of Health, BKK Boromarajonani College of Nursing, | Thailand | WHO |
| 9 | Ms Nar Maya Rai | AN, T/gang Hospital | Neonatal Intensive Care Nursing | Bankok | Thailand | UNICEF |
| 10 | Ms Chandra Kala Rai | AN, JDWNR Hospital | Neonatal Intensive Care Nursing | Boromarajonani College of Nursing, BankoK Boromarajonani | Thailand | UNICEF |
| 11 | Ms Tshering Chozom | AN, JDWNR Hospital | Neonatal Intensive Care Nursing | College of Nursing, Bankok Boromarajonani | Thailand | UNICEF |
| 12 | Ms Sonam Wangmo | GNM, JDWNRH | Neonatal Intensive Care Nursing | College of Nursing, Bankok | Thailand | UNICEF |
| 13 | Mr Pema Samdrup | Program Officer, VDCP, Gelephu | Epidemiology and control of Tropical diseases | Bangkkok | Thailand | TICA |
| 14 | Dr Choda Gyeltshen | GDMO,Lhuntse Hospital | Regional Field epidemiology programme | NICD | Delhi | WHO |
| 15 | Dr Prabhat Pradhan | GDMO, Damphu Hospital | Regional Field epidemiology programme | NICD | Delhi | WHO |
| 16 | Dr Mimi Lhamu Mynak | JDWNR Hospital | Trg. On World Breast Feeding Trend Initiative | New Delhi | India | WHO |
| 17 | Ms Ugyen Zangmo | DoPH, MoH (HQ) | Trg. On World Breast Feeding Trend Initiative | New Delhi | India | WHO |
| 18 | Dr Dorji Wangchuk | Director General, DoMS | Advanced Management Programe for Executive level | Harvard Business School | USA | WHO SEARO |
| 19 | Dr Karma Sherub | MO, JDWNRH | Observational Burn Training | Seattle | USA | Organizer |
| 20 | Mr Ugyen Thinley | GNM, JDWNRH | Observational Burn Training | Seattle | USA | Organizer |
| 21 | Mr Gembo Dorji Ms Karma Sonam | GNM, P/gatshel Hospital | Observational Burn Training | Seattle | USA | Organizer |
| 22 | Dema | AN, S/Jongkhar | Observational Burn Training | Seattle | USA | Organizer |
| 23 | Ms Jugzang Dema | AN, Riserboo | Observational Burn Training | Seattle | USA | Organizer |
| 24 | Ms Thinley Wangmo | Budget Assistant, AFD, MoH | Course on Budgeting | PCP Asia Mahidol Univeristy, | Thailand | DANIDA |
| 25 | Dr. Kinzang P Tshering | Paediatric, JDWNTH | Management of Malaria | Mahidol University, | Thailand | GFATM (Malaria) |
| 26 | Dr Kezang | GDMO, Sarpang | Management of Malaria | BKK | Thailand | GFATM (Malaria) |
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| | QMAR | | | | Volume 1 | , Issue 3 |
|----|---------------------|--|---|---|-------------|------------------|
| 27 | Dr Mendu Dukpa | MO, Sipsu Hospital | Management of Malaria | Mahidol Univeristy, BKK | Thailand | GFATM (Malaria) |
| 28 | Dr Norbu | Tendu, RBA Wing 1, Samtse | Management of Malaria | Mahidol Univeristy, BKK Mahidol Univeristy, | Thailand | GFATM (Malaria) |
| 29 | Mr Jigme Kelzang | ACO, Zhemgang | Management of Malaria | BKK | Thailand | GFATM (Malaria) |
| 30 | Mr Karma Wangchuk | ACO, jomotshangkha | Management of Malaria | Mahidol Univeristy, BKK | Thailand | GFATM (Malaria) |
| 31 | Mr Jigme Dukpa | ACO, CRR Hospital, Gelephu | Management of Malaria | Mahidol Univeristy, BKK | Thailand | GFATM (Malaria) |
| 32 | Mr Nima | Communication Tech. ICB | Training on Advocacy and Development | Kasetsar Univ. BKK, Thailand | Thailand | WHO fellowship |
| 33 | Mr Rinchen Dorji | Chief Info. Communication officer, ICB, DoPH | Training on Advocacy and Development | Kasetsar Univ. BKK, Thailand | Thailand | WHO fellowship |
| 34 | Mr Leki Dorji | Communication supervisor ICB | Effective communication strategies for health campaign | DFI, Manila | Philippines | GFATM |
| 35 | Dr Gyem Dorji | GDMO, MRR Hospital | Training on Costed Natinal Strategic Plans for Asia | Bangkok | Thailand | UN Funding |
| 36 | Ms Sangay Wangmo | Program Manager, DoPH | Training on Costed Natinal Strategic Plans for Asia | Bangkok | Thailand | UN Funding |
| 37 | Mr Namgay Wangchuk | Planning Officer, PPD | Training on Costed Natinal Strategic Plans for Asia | Bangkok | Thailand | UN Funding |
| 38 | Mr Kinley Wangdi | Asst.HRO, HRM | Training on Costed Natinal Strategic Plans for Asia | Bangkok | Thailand | UN Funding |
| 39 | Meena Kumari Gurung | AN, JDWNR Hospital | training on Critical Care Nursing in Pediatric Practicum | Boromarajoni Univ | Thailand | WHO |
| 40 | Ms Khandu Wangmo | AN, JDWNR Hospital | training on Critical Care Nursing in Pediatric Practicum | Boromarajoni Univ | Thailand | WHO |
| 41 | Ms Karma Choden | ANM, HISC, P/ling | Regional Trg. Of Women Councilors on Aftercare and Family Therapy | Chennai | India | BNCA |

XX. TABLE 17

Seminar Workshop (July – September 2008)

| | | | | Location | | Source of |
|------|--------------------|-------------------------------------|--|----------|------------------------|-----------|
| SI.# | Name | Department/Division | Course Title | Insitute | Country | funding |
| 1 | Mr. Passang | Monggar ERR Hospital | 4th Annual STERRAD ® Users' Club Meeting | Bombay | India | |
| 2 | Mr. Karma Tshering | Lab Manager, JDWNRH | 60th Annual Meeting and Clinical Lab Expo. | | Washing ton DC, USA | |
| 3 | Dr. Chencho Dorjee | Director, RIHS | Regional Forum of Medical Training Institutions on People Centered Health Care | | MNL, Philippines | |
| 4 | Dr. Ballab Sharma | Specialist, Gelephu CRR Hospital | SAARC Regional Training for Trainers for Essential Technology | | KTM, Nepal | |
| 5 | Mr. Nima Sangay | Deputy Registrar, BMHC | Regional Meeting of South Asian Forum for Health. | | KTM, Nepal | |
| 6 | Mr. Ugyen Tshewang | Asst. Accounts Officer, PMT | Enhanced Financial Reporting Meeting | | Delhi, India | |
| 7 | Mr. Rinchen Dawa | Accountant, VDCP, Gelephu | Enhanced Financial Reporting Meeting | | Delhi, India | |

| | QMAR | | | Volume 1, Issue 3 |
|----|-----------------------|-----------------------------|--|------------------------|
| 8 | Dr. Choeda Gyeltshen | GDMO, Lhuntse | Intercountry Workshop for Trainers on Injury Epidemiology, Prevention and Care | Khon Kaen, Thailand |
| 9 | Mr. Passang Dorji | Chief Nurse, JDWNRH | Intercountry Workshop for Trainers on Injury Epidemiology, Prevention and Care | Khon Kaen, Thailand |
| 10 | Ms. Manusika Rai | PEDP Manager, DVED | Workshop on Product Evaluation and Registration of Medicinal Products | Singapore |
| 11 | Mr. Tashi Tobgay | Chief Pharmacist, JDWNRH | Workshop on Product Evaluation and Registration of Medicinal Products | Singapore |
| 12 | Mr. Kencho Wangdi | APO, HIV/AIDS, D₀PH | Workshop on Monitoring and Evaluation National HIV/AIDS Interventions for Most at Risk Population | Mysore, India |
| 13 | Mr. Rinchen Namgyal | DHO, Chukha | Regional Conference on Revitalizing Primary Health Care | Jakarta, Indonesia |
| 14 | Mr. Ugyen Thinley | BHW, Samtse BHU | Regional Conference on Revitalizing Primary Health Care | Jakarta, Indonesia |
| 15 | Mr. Passang Thinley | GNM, Lhuntse Hosp. | Regional Conference on Revitalizing Primary Health Care | Jakarta, Indonesia |
| 16 | Mr. Rinchen Dorji | CPO, ICB, DoPH | Regional Conference on Revitalizing Primary Health Care | Jakarta, Indonesia |
| 17 | Ms. Taumo | VHW, Zhemgang | Regional Conference on Revitalizing Primary Health Care | Jakarta, Indonesia |
| 18 | Dr. Ugen Dophu | Director, DoPH | Regional Conference on Revitalizing Primary Health Care | Jakarta, Indonesia |
| 19 | Mr. Chheten Gyeltshen | Associate Lecturer, RIHS | Regional Conference on Revitalizing Primary Health Care | Jakarta, Indonesia |
| 20 | Dr. Gado Tshering | Hon'ble Secretary | Regional Conference on Revitalizing Primary Health Care | Jakarta, Indonesia |
| 21 | Mr. Dorji Wangchuk | Director, ITMS | Regional Conference on Revitalizing Primary Health Care | Jakarta, Indonesia |
| 22 | Mr. Ngawang Dorji | CPO,DVED | Inter-country Consultation on Combating Counterfeit Medicines | New Delhi, India |
| 23 | Mr. Tashi Tobgay | Chief Pharmacist, JDWNRH | Officials Visit to the Manufacturing Site of PDPL | Indore, India |
| 24 | Ms. Ngawang Dema | Offtg. Drug Controller, DRA | Officials Visit to the Manufacturing Site of PDPL | Indore, India |
| 25 | Ms. Manusika Rai | Pharmacist, DVED | Officials Visit to the Manufacturing Site of PDPL | Indore, India |
| 26 | Dr. Kalpana Chhetri | MO, T/yangtse | Regional Workshop on Health System Strengthening and TB Control | Colombo, Srilanka |

| 27 | QMAR Mr. Harkaan Rai | Chief Nurse, Gidakom | Regional Workshop on Health | | Volume 1, Issue 3 Colombo, |
|----|---------------------------------|--------------------------------|--|-------|-------------------------------|
| | | | System Strengthening and TB Control | | Srilanka |
| 28 | Ms. Karma Tshering | Program Officer, EPI, DoPH | Regional Meeting of EPI Programme Managers and Immunization Partners | | KTM, Nepal |
| 29 | Dr. Karuna Rana | GDMO, T/Yangtse | Regional Meeting of EPI Programme Managers and Immunization Partners | | KTM, Nepal |
| 30 | Hon'ble Lyonpo Zangley Dukpa | Minister | 2nd Asia Pacific Regional Meeting on Universal Access to HIV Prevention, Treatment and Care | | Manila, Philippines |
| 31 | Mr. Sonam Rinchen | PO, D₀PH | 2nd Asia Pacific Regional Meeting on Universal Access to HIV Prevention, Treatment and Care | | Manila, Philippines |
| 32 | Mr. Thinley Dorji | Student, YHSS | 2nd Asia Pacific Regional Meeting on Universal Access to HIV Prevention, Treatment and Care | | Manila, Philippines |
| 33 | Dr. Phurb Dorji | Gynecologist, JDWNRH | Study Tour on Maternal & Neonatal Death Investigation and Reporting System | | Sri Lanka |
| 34 | Dr. Tshering Wangden | Gynecologist, Gelephu CRRH | Study Tour on Maternal & Neonatal Death Investigation and Reporting System | | Sri Lanka |
| 35 | Dr. Hari Prasad Chhetri | Paediatrician, JDWNRH | Study Tour on Maternal & Neonatal Death Investigation and Reporting System | | Sri Lanka |
| 36 | Ms. Damanti Bhujel | HA II, Monggar ERR Hospital | Study Tour on Maternal & Neonatal Death Investigation and Reporting System | | Sri Lanka |
| 37 | Dr. Damber Kumar Nirola | Psychiatrist, JDWNRH | ASEAN Federation for Psychiatry and Mental Health Conference | | BKK, Thailand |
| 38 | Mr. Kunzang Dorji | Associate Lecturer, RIHS | ASEAN Federation for Psychiatry and Mental Health Conference | | BKK, Thailand |
| 39 | Dr. Ngawang Tenzin | Medical Director, JDWNRH | Strengthen the HRD of the Dental Dept. & to Formalize the Agreement and Sign and MoU with Faculty of Denstry, Mahidol University, Thailand | | BKK, Thailand |
| 40 | Dr. Samdrup R Wangchuk | HoD, Dental Dept. JDWNRH | Strengthen the HRD of the Dental Dept. & to Formalize the Agreement and Sign and MoU with Faculty of Denstry, Mahidol University, Thailand | | BKK, Thailand |
| 41 | Mr. Ugyen Rinzin | Engineer, PHED, DoPH | WHO/UNICEF Joint Monitoring Programme Country and Sub Regional Workshop | | KTM,Nepal |
| 42 | Mr. Sonam Dorji | CPO, PPD | Regional Consultation on Equitable Geographical Distribution of the Membership of the WHO Executive Board | | BKK, Thailand |
| 43 | Dr. Ballab Sharma | Specialist, Gelephu CRRH | Training Workshop for the Global Drug Facility (GDP) | Dhaka | Bangladesh |
| 44 | Mr. Kaka | Procurement Officer, DVED | Training Workshop for the Global Drug Facility (GDP) | Dhaka | Bangladesh |

| 45 | QMAR Mr. Ugyen Rinzin | Engineer, PHED, DoPH | Regional Workshop on Ecological Sanitation | Nepal | Volume 1, Issue 3 Nepal |
|----|------------------------------|--------------------------------|---|-------------|----------------------------|
| 46 | Mr. Guru Tshering | Compounder, Damphu Hospital | Regional Workshop on Ecological Sanitation | Nepal | Nepal |
| 47 | Dr. Ugyen Choden | GDMO, P/gatshel Hosp. | Ninth South East Asia Nutrition Research cum Action Network | Hyderabad | India |
| 48 | Mr. Tobgyel | PO, RH Program, DoPH | Regional Workshop for Strengthening Family Planning Programme in South East Asia | Bekasi | Indonesia |
| 49 | Ms. Deki | HRO, HRM | Expert Group Meeting for Finalizing Regional Guidelines for Health Workforce Strategic Planning and HWF Database | КТМ | Nepal |
| 50 | Mr. Ugyen Norbu | Asst. Info. Officer, ICB | Regional Workshop on Illicit Trade of Tobacco Products. | New Delhi | India |
| 51 | Dr. Ugyen Thinley | Orthopedic Surgeon, JDWNRH | To Sign Conference in Richland and Visit Hospitals in Washington DC | Wash/ton DC | USA |
| 52 | Dr. Lungten Z Wangchuk | PM, TB Program, DoPH | Eighteenth Meeting of the Governing Board of STAC | КТМ | Nepal |
| 53 | Dr. Jung Bdr. Thapa | CMO, JDWNRH | 26th COE-08 on the theme" Common Fracture Issues and Solutions | KTM | Nepal |
| 54 | Mr. Chimi Palden | APO, PPD | W/shop on Improving National Capacity to Track Maternal and Child Mortality Towards the Attainment of the MDGs | ВКК | Thailand |
| 55 | Mr. Rup Narayan Chapaigai | PD, QASD | 2nd International Health Care Quality Conclave | New Delhi | India |
| 56 | Mr. Tashi Dendup | APO, QASD | 2nd International Health Care Quality Conclave | New Delhi | India |
| 57 | Lyonpo Zangley Dukpa | Hon'ble Minister | 26th Meeting of Ministers of Health and Sixty First Session of the Regional Committee | New Delhi | India |
| 58 | Dasho Dr. Gado Tshering | Secretary | 26th Meeting of Ministers of Health and Sixty First Session of the Regional Committee | New Delhi | India |
| 59 | Mr. Sonam Dorji | CPO, PPD, MoH | 26th Meeting of Ministers of Health and Sixty First Session of the Regional Committee | New Delhi | India |

>> Page 1.contd.

After much risk taking, the mother gave consent reluctantly. As soon as the vaccination shot was given, she cried and stopped breathing and developed cyanosis. Mother started shaking the baby calling her name at the same time cursing me like a psychotic, acting in a bizarre way. I have never experienced such incidents and nearly got nervous break down. Somehow I regained my composure and managed to loose the baby's thick clothes. Gradually she started to breathe and cyanosis started to disappear. This was a moment of big relief for me. During this transient period I felt like darkness had fallen in broad day light on these serene mountains.

With the story of this beautiful nomadic lass, I would like to ask my fellow health workers and myself to reflect that, is this story pertinent to that incident era or are there some more cases of missed opportunity / un-reached by our services that we need to address. We have scaled many mountains under the efficient stewardship and are now at the base camp again to climb another mountain. After three decades of Alma Ata declaration, we have unprecedented achievement, in the field of Primary Health Care (PHC). This is the moment to recline, reflect, and review our success, mistakes and failures. This is also the moment to pay gratitude to our visionary Monarchs, government and mentors for nurturing and transforming us to the present level.

(The smallest of action is always better than the boldest intentions)

The Policy and Planning Division would like to solicit reviews and feedbacks for the betterment of the publication. Suggestions, views and constructive criticism are always welcome.

Any queries may be forwarded to address given below.

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