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mattress MADDICAL JOURNAL VOLUME 252. 25 APRIL 1987 operations and a planter room; a pathology thousatory providing basic haemandagy, microbiology, and biochemistry service; and an 3-ray department, which undersook most commonly required procedures including barism examinations. There were also physiotherapy and compational therapy departments. The hospital was staffed by 11 general practitioners and two specialists—a surgeon and a pacifiant is an Three were no resident staff. If It wanted to admit a patient it simply telephoned the ward and sent the patient in with my instructions and precipitous. The nurses did most of the administrations and precipitous. The nurses did most of the administration of the section of

instructions and prescriptions. The nurses did most of the administrative work and several practical procedures used as intravenous influsions. I seldom needed to send a patient to any of the big city hospitals 80 has not several practice training. I was given privileges to admit patients under my care and to perform a wide-waivery or minor energial procedures including diagnostic dilusarion and curetage and closed reduction of fractures.

If a pointed row implication of fractures are into whose I would be free to assist (assistant's fee in 25%, of the surgeon's fee, but it was done usually with a wait of no more than 7-10 days. All very easy, Certainly attractive to the pointed in the surgeon's fee, but it was done usually with a wait of no more than 7-10 days. All very easy, Certainly attractive to the point of the control of the

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Conclusions

You may say that this is all very interesting but how much relevance do the successes and problems of Canadian general practice have to the British family doctor? Canada is very different geographically and is much closer to the powerful influences of the United States. The problems patients bring to their doctors, however, are much the same andnt bring to their doctors, however, are much the same and I think it is Those who expouse a move towards an expansion of a fee-peristen-of-service system and a move towards greater use of bospitals by general practitioners should be aware of the extent to which this could be, and has been, used to influence sour work and this could be, and has been, used to influence sour work and this could be, and has been, used to influence sour power and the second of the second of the second of the second of the second procedures—which it is very likely to be—and of encouraging general practitioners to do more of their own surgery. Although the hospital bureaucracy I described may be an extreme case, there would be inevitably pressure to provide safeguards to ensure that surgical procedures are undertaken opperators—with all the repercussions that such regulations night bring.

Although competition for patients among British doctors is

only when properly indicated and only by suitably skilled operation—swith all the repertussions that such regulations might bring.

It is a proposed than in North America there are often tensions between practices. Any changes which exacerbated these are unlikely to bring about improvement in quality of patient care. Perhaps it will be possible to expand the fee-per-item-of-service system and the general practitioners's role in surgical procedures, but we would be wise to tread warrly and to learn lessons from our neighbours across the Atlantic.

Clinical Pointer

This way of treating bronchospasm has really changed our approach in general practice. We can go to patients rapidly with a portable machine. It gives very quick relief in most cases except of course

those of a thronic obstructive sirrows nature. The number of occasions when we have had to give interrecoant transfers there because the control of the cont

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BRITISH MEDICAL JOURNAL VOLUME 282 25 APRIL 1981 ABLE II—Ranking of all procedures (1-25): 1975-1986

	Total No	Computative total	Consulative
1 Dressings	12 315	12 315	12
2 Urine testing			
4386 (meneral)			
7345 (antenatal and postnatal)	11 731	24 046	23
3 Hacmoslobin* measurement			
4874 (general)			
5732 (antenstal and postnatal)	10 606	34 652	34
4 Weight			
2213 (general)			
7336 (antenetal and postnetal)	9 549	44 201	43
5 Blood pressure			
1275 (general)			
7280 (antenstal and postnatal)	8 555	52 756	51
6 Nursing advice	6 542	59 298	58
7 Injections	6 385	65 663	64
8 Venepuncture*			
3980 (general)			
1141 (antenstal and postnatal)			
Erythrocyte sedimentation rate 593	5 714	71 397	69
9 Treatment of verruca*	4 786	76 183	74
10 Ear syringing*	1 930	78 113	76
11 Preparation for cervical amear*			
1387 (general)			
466 (antenstal and postnatal)	1 855	79 968	78
12 Strapping*	1 816	81 784	79
13 Supportive bandage	1 663	83 447	81
14 Aural todet*	1 530	84 977	83
15 Removal of sutures	1 421	86 398	84
16 Aural wick*	1 373	87 771	85
17 Prescription given	1 363	89 134	87
18 Applications	1 316	90 450	88
19 Vitalography and peak flow			
rate	926	91 376	89
20 Referred to hospital	786	92 162	90
21 Mid-stream urine specimen	739	92 901	90
22 Preparation for intrauterine			
contraceptive device			
407 insertion/change*	691	93 592	
284 removal/check			91
23 Cold compress	668	94 260	92
24 Butterfly plaster	575	94 835	92
25 Instillation of eyedrops/ointment	548	95 383	93

Note: 102 886 = 100°.
*Additional primary care team procedures.

TABLE III—Ranking of all procedures (26-75): 1975-1980

26 Sling	525	50 Nail trephine*	69
27 Smallpox vac check	517	51 Plaster-of-Paris prep for and	
28 Audiometry*	515	assistance with* (57) and	
29 Polio immunisation	503	removal	66
30 Cervical collar*	485	52 Skin tag removal*	65
1 Weight	483	53 Ear swab	64
32 Suturing	474	54 Eve sweb	58
3 Electrocardiograph*	400	55 Drugs given	53
4 Dipulide urine culture	357	56 Prep for pessary change*	46
55 Removal of foreign body from		57 Provision of diet sheet	42
cvc*	3.27	58 Far insufflation*	40
6 Prep for and assistance with		59 Removal of foreign body from	
incision of abscrss	287	cer*	38
7 Removal of subcutaneous		60 Nose bleed*	35
foreign body*	192	61 Abscess swab	33
8 Removal of strapping	173	62 Collection facces specimen	ñ
9 Throat swab*	166	63 Removal of foreign body from	-
0 Kaolin poultier or hot		noor*	25
fomentation application	154	64 Cut ring off finger*	23
1 Skin testa (allergy)	154	65 Eve wash (Undine)	23
2 Copper sulphate/silver nitrate	.,,	66 Prep for tie off of polyp*	22
spolication*	146	67 Nail clippings (for fungus)	20
3 Application of uplint*	144	68 Collection sputum for culture	16
4 Impregnated supportive bands		69 Prep for tapping bydrocele	14
(Viscopaste, etc)*	128	70 Nose drops	- 13
5 Prep for high vaginal swab	118	71 Metataraal bar*	12
6 Prep for and assistance with	110	72 Prep for removal of foreign body	
excision of cyst	104	from throat	10
7 Microscopic exam urine	101	73 Removal of fish book*	
8 Supervision recovery from	101	74 Forms	- 2
general anaesthesia	84	75 Catheter change*	8
9 Prep for and essistance with	84	/> Catheter change* Miscellaneous (7*)	- 2
removal togonal	83	MISCELIANEOUS (7°)	39
removal toe-nati	63		

TABLE IV—Proportion of "additional primary care team procedures" (APCT) to "standard nursing procedures": 1975-1980

	Standard nursing	ALC: N		
	procedures	No	(%)	Total
1975	10 213	3 784	(27)	13 997
1976	11 439	5 559	(33)	16 998
1977	10 911	5 161	(32)	16 072
1978	11.430	6 069	(35)	17 505
1979	12 774	6 707	(34)	19 481
1980	12 212	6 621	(35)	18 833
Total	68 985	33 901	(33)	102 886

of abscess (287), excission of sebaccous cytis (104), removal of ingroving to-enals under general ansertice; (63), and tupping of hydroceld.

If the context of transferring a proportion of minor operations from hospital to general practice the New Charter Working Group of the General Medical Services Continuites (GMSC) has recommended an extremed range of items of service payments for specialed service; if an extremed range of items of service payments for specialed service; if an extremed range of items of service payment for specialed service; it is not a number of freeze in serven bands that were "intended to achieve a more work-sensitive contract than a present." Many of these items can be identified through this record of the work of the narse in the number of procedures. Furthermore, many of these procedures—for example, haemoglobin measurements (10 606), ear syringing (1930), and removal of nutures (1421)—extlanset cathery carried out by the strength (table VII) (table VIII) (table VIIII) (table VIIIII) (table VIIII) (table VIIII) (table VIIII) (table VIIII) (table VIIII) (table VIIII) (table VIIIII) (table VIIIII) (table VIIIII) (table VIIIII) (table VIIIII) (table VIIIIII) (table VIIIII)

TABLE V-Ranking of "additional primary care team procedures": 1975-1980

Total No	Cumulative total	Cumulative
10 606	10 606	31
		48
	21 106	62
1 930	23.036	68
1 855	24 891	73
1 816	26 707	79
1 530	28 237	83
1 223		87
. ,,,	27 010	
926	30 536	90
	No 10 606 5 714 4 786 1 930 1 855 1 816 1 530 1 373	No total 10 606 10 606 5 714 16 320 4 786 21 106 1 930 23 036 1 855 24 991 1 816 26 707 1 530 28 237 1 373 29 610

Note: 33 901 - 100%

TABLE VI-Recommended additional services payments identifiable in the treatment room work: 1975-1980

Item of service	Band	No	Average per year
Ear syringing	1	1 930	322
Respiratory function tests	1	926	154
Cervical cytology	2	1 855	309
Erythrocyte sedimentation rate	2	593	99
Foreign bodies in eyes	2	327	55
Haemorlobin	ž	10 606	1768
Nasal packing/removal	ž	15	3
Urine microscopy	2	101	17
Abecess drainage	3	287	48
Intradermal testing/multiple	3	154	17 48 26
Sebaceous cyst removal	•	104	17
Suturing lacerations/removal of sutures	•	1 895	316
Plastering/splinting	4	201	34
Manipulation and traction			- 7
Electrocardiograph	í	400	67
Total		19 400	3233

Discussion

The earlier paper on the work of the practice nurse reported that the treatment room made an important contribution to the work of the practice, but that this would not have been possible if the staff had been statched nurses requiring authorisation from the area health authority to carry out procedure as opposed to practice nurses who were authorised on a personal

Practice Research

training and item-of-service payments

102 886 treatment-room procedures: implications for nurse

WHRWATERS, JELUNN

An entirer mudy of the first four years of work in the new treatment room of this practice referred to the need to delegate duties to nursing staff that might otherwise be undertaken by the doctor. The number and variety of such procedures has increased as facilities have improved and as the primary care team has expanded. The work has extended to core some items that had become mainly hospital practice—for instance, the excision of absence users the microsion and desirange of absectances of the control of the primary care team has expanded. The work has extended to core some items that had become mainly hospital practice—for instance, the excision of absence users the microsion and order as a sudiometry, electrocardiography, and vitalography, or collecting samples such as mid-stream specimens of urine, dipsilides, and venepuncture are commonplace. Many of the additional procedures are within the competence of any trained nurse—for instance, the extra dressings and the removal of sutures. Some require initial assessment of competence both for the sax some require initial assessment of competence both for the sax for a synthesis of the same and the same and

The study practice has 11 400 patients and is based in a health centre in the South Yorkshire coalfield covering four contiguous villages and the surrounding agricultural district. The treatment room of the health centre has an area of about

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27 m² (290 sq ft) and is divided by curtains into two cubicles and a preparation area. Opening from this treatment room is a recovery room (9 m²; 96 sq ft) and a test room (5.5 m²; 60 sq ft). There is a hatch from the treatment room to a single liveacy of the control of the c

The name, diagnosis, and treatment (or procedures) on all patients who attended the treatment room between I January 1973 and 31 December 1980 inclusive were recorded and oxed for sanalysis. The coding practice was the contract of the coding practice and the code of the

During the six years a total of 57 844 patients were seen and 102 886 soded procedures carried out, of which 29 302 related to antenatal and postnatal work (table I). Although over 80 types of procedures

TABLE 1-Total number of procedures: 1975-1980

	Prov	Procedures	
	General	Antenatal and postnatal	Total No
975	9.749	4 248	13 997
1976	11 976	5 022	16 998
977	11.623	4 449	16 072
978	12 967	4 538	17 505
1979	13 700	5.781	19 481
1980	13 569	5 264	18 833
Total	73 584	29 302	102 886

were coded during the study only five of these accounted for half of the total count (dressings, urine testing, haemoglobin measurements, weights, and blood pressures), and 20 types covered nine-tenths of the total count (table II). The remaining procedures are ranked in

table III.

Table IV shows that almost a third of the procedures were APCT.

basis to carry out procedures. It was also thought that it is difficult, if not impossible, for an area health authority, working by consensus management through a system of committees, to authorise (or forbid) continually changing sets of procedures in different general practices to be carried out by a changing. The data reported in this paper suggest that a limited number of procedures cover a large volume of the work, and in the case of the APCT procedures almost half of the work count is covered by haemoglobin measurements and wenepuncture. Consequently, discussion could be initiated on quite a short last of procedures for approval by those area health authorities would suggest hamoglobin measurements. As a starting point we would suggest hemoglobin measurements, expendicularly and early single procedures, though fewer in number, are lengther and therefore when measured on the basis of time would account. Early all the starting point we would suggest have been always to the procedures, though fewer in number, are lengther and therefore when measured on the basis of time would account. For an attached nurse to take her full place in the team, however, and to be on a par with the nurses employed by the practice, it is obviously necessary that she is trained for and permitted to carry out the whole range of APCT procedures. A look at the range will show that a relatively short training programme, or alternatively a reasonable amount of in-service any to achieve the required skills and standards.

The Royal College of Nursing has stated: "The role of the nurse is continually developing as changes in practice and training add a new dimension to the range of duties. Over and above this the nursing role may be textended by delegation of the medical duties by the doctor, although the should be recognised and reasonable area or undertaking these responsibilities, and some are not willings to accept this added range of work. The decision of these nurses not occurred for such responsibilities, and some are not willing

respecting the view of the Royal College of Nursing and certain nurses, it is important that nurse managers should attach to the primary care team only nurses who are trained in or are willing to train in these procedures and are then willing to carry them

out. As to the extended range of item-of-service payments recommended by the GMSC's New Charter Working Group, the considerable extent to which it is possible to identify these procedures in the work of the practice nurse has implications that deserve careful consideration by all concerned.

Conclusions

During six years 57 844 patients were seen in the treatment room and 102 886 procedures carried out. One-third of these procedures were additional to usual nursing procedures and required initial supervision and assessment or training, or both. They are a natural consequence of improved facilities and an primary care treat procedures (APCT procedures). Almost half of the APCT procedures were barmoglobin measurements and venepunctures, and most of the remainder require only a short training programme or reasonable amount of apprentice type in-service training to achieve required skills and standards.

Almost one-fifth (19 400) of the procedures are to be found in the "extended range of item-of-service payments" of the GMSC's New Charter Working Group and over two-thirds of these were almost entirely carried out by the nurses though initiated by the doctor, who accepts the final responsibility.

We thank all the members of the Haffield Health Centre primary

We thank all the members of the Hatfield Health Centre primary care team, and Mrs J Gyte and Miss A Warburton of the Department of Community Medicine of Sheffield University Medical School for their help.

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Clinical Curio

Clinical Curio

The term consultoid has a pejorative ring to it. But being a bit of a consultant can do something for the doctor and the patients 100. My second consultoid string in homocopathy, and a few courses at the Royal Homocopathic Hoppital have brought me some proficiency in a regular consultoid string in homocopathy, and a few courses at the Royal Homocopathic Hoppital have brought me some proficiency in depress the novice, as the patients are heavily laced by those unfortunate folk who the main body of the profession hope will go away. Unfortunately, of course, they tend to persist in their awards complaints, and amay even insist that they are really in the complaints. And many even insist that they are really in the consultant of the complaints and many even insist that they are really into situation of the patients and the situation of the consultant in the consultant i

trying to rearrange her notes so that some continuity was maintained the consultation, always ended in the same way—a long course of antibiotics, which increitably gave her thrush, but left her spotume as copious as ever and always a bit "roff-colour." Were these antibiotics doing her good, he saked. Were they in fact harming her? Could het do without them? To store on such a "homocopathic" consultation more and the contract of the same and the contract of t

We will be pleased to consider for publication other interesting chinical observations in general practice.—ED, BMJ.