



The Canadian Forces Dental Services Quarterly



Brigadier – General W.R. Thompson
CD, QHDS, DDS, FICD
Director General of Dental Services



The CFDS Quarterly

Volume 17, number 2, 1976

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COVER

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Director General of Dental Services

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DGDS Appointment



Colonel W.R. Thompson was promoted to the rank of Brigadier-General and appointed Director General of Dental Services for the Canadian Forces effective 1 Aug 76.

BGen Thompson has been Director of Dental Treatment Services at National Defence Headquarters for the past two years and, in addition, has acted as consultant in oral surgery at the National Defence Medical Centre.

General Thompson, who was born in Campbellford, Ontario, began his military career in March, 1943, during the Second World War, as a dental assistant in the Canadian Army. He later transferred to the Royal Canadian Air Force and was trained as an air navigator before the cessation of hostilities.

In 1949 he obtained his DDS degree from the University of Toronto, and, as a dental officer in the Canadian Army, served at various bases across Canada.

BGen Thompson also served in Korea, from Aug 52 to Nov 53, as a major with 25 Canadian Field Dental Unit, and after a tour of duty as senior dental officer at RCAF Station St. Hubert, was posted to NATO's Canadian Air Division as senior dental officer at 1 Fighter Wing RCAF, Marville, France.

In 1965, in the rank of Lieutenant-Colonel, he was appointed to Canadian Forces Headquarters in Ottawa in the Directorate of Dental Services. He completed extensive oral surgery training at the University of Toronto, and instructed at the Canadian Forces Dental Services School in his specialty. In 1969 he served as an instructor in oral surgery on a course organized by the CFDS and specifically designed for immigrant Czechoslovakian dentists at the University of Western Ontario. From 1970 to 1974 he was Commanding Officer of 13 Dental Unit at CFB Trenton, with regional responsibilities for all of Ontario. During this period he also served as oral surgeon for Kingston Military Hospital.

In 1973 General Thompson was appointed as an Honorary Dental Surgeon to the Queen and inducted as a Fellow of the International College of Dentists. In 1975 he was elected Chairman of the Commission on Armed Forces Dental Services of the International Dental Federation.

BGen Thompson resides in Ottawa with his wife Doris and son Scott.

Forensic Dentistry: Marking Denture for Identification

MAJOR E.D. CRAGG, CD, DDS



INTRODUCTION

The importance of being able to establish the identity of an accident victim is first a social problem because of the need to alleviate the anxieties of relatives who may be involved. Secondly, it is a legal problem because victim identification is necessary to satisfy certain legal requirements.

In mass disasters, particularly in aircraft crashes accompanied by incineration, there is great difficulty in identifying victims. Normal identification aids such as photographs, x-rays, documents and fingerprints may be rendered useless by the destructive effects of fire. In many such cases the only human remains to be recovered may be the teeth which are the least destructible of the body tissues. The task of identification then becomes a dental problem and considerable responsibility must rest on the dental profession to provide the means of establishing identity.

When an individual is edentulous, it is more difficult to use the oral cavity as a means of identification. The examiner can no longer look for restorations, size, shape, and number of teeth, or teeth that have had endodontic treatment to assist him in making the identification. Most edentulous persons wear maxillary and mandibular dentures, but unless these dentures are identifiable in some manner they will not help to establish the owner's identity.

DISCUSSION

On the basis of his extensive experience in the identification of air disaster victims, Haines¹ states: "It is approximately true to say that one-quarter of the victims of a mass disaster may be expected to be wearing dentures, and a half of

these to be wearing full dentures. Dentures, therefore, form a significant part of evidence of identification in most mass disasters."

Peterson and Kogon², in their review of dental identification in the Woodbridge disaster stated: "Dentures or fragments of dentures were of no value in making identifications. Except in two cases, all dentures and denture fragments were found separately at the crash site. No identification marks were found on any of the dentures or denture fragments." They further stated: "Information (from ante-mortem dental records) about dentures proved quite worthless. When ante-mortem records on dentures were available, they were generally not sufficiently explicit. The problem was accentuated by the fact that even when we had information concerning the make, shade and mould of the teeth and denture base material, no positive identification could be made because the dentures were severely shattered, isolated from the bodies, or only partially recovered."

From the foregoing, it is apparent that a means for the identification of removable dentures is essential. Kruger-Monsen³ has proposed certain requirements for the marking of dentures for the purpose of identifying its owner.

1. The method must not influence the strength of the denture;
2. it must be easy to perform and without great cost;
3. the identification must be carried out in a simple manner without having to make separate lists and numbers;

4. the marking must be protected and visible after a long period of wear; and
5. the identification must not change in fire or humidity.

TECHNIQUE

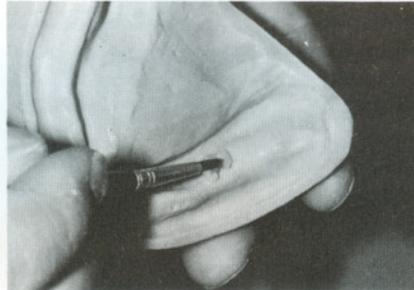
Jerman⁴ has suggested a technique which fulfils these requirements, and has been adapted into the Canadian Forces Dental Services. A thin (0.001") metal strip of stainless steel, commonly referred to as "shim stock", is used. It is inexpensive and readily available (NATO # 9515-21-633-1597). It has a high melting point of 1500 degrees C (2500 degrees F) and will remain unaffected at temperatures well above the 425 degrees C (800 degrees F) that ignites acrylic denture material. The identification numbers are easily imprinted on the metal strip with a typewriter. The metal strip can be secured to the roller of the typewriter with double-faced tape. The size of the trimmed strip is about 26mm x 5mm. The patient's social insurance number followed by "CDN", the international designation for Canadian, is imprinted on the metal strip.



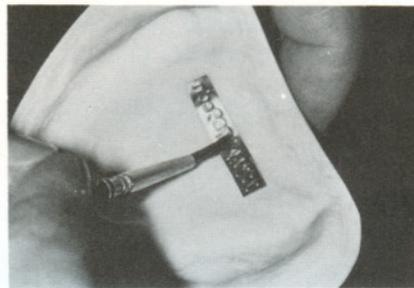
The length of the metal strip is approx 26mm.

The method for inserting the strip is uncomplicated and can be performed by the dental laboratory technician. The procedure is identical to normal processing of

dentures using the fluid resin technique up to the point of having reset the cleaned teeth into the hydrocolloid mold. The cast is prepared in the normal way with the application of a separating medium. The metal strip is prepared and placed on the posterior palatal region for maxillary dentures and on the posterior lingual flange for mandibular dentures. Clear acrylic resin is applied with a sable hair brush in a thin layer to the appropriate area of the cast. The identification strip is carefully placed



A thin layer of clear acrylic is painted on the area of the cast corresponding to the metal strip.



The contoured metal strip is placed number downward on the clear acrylic and a thin layer of acrylic is painted over the strip so that it is completely covered.



The cast is immediately returned to the hydrocolloid mold and processing is completed.

over the clear acrylic resin with the numbered side toward the cast. The flask is immediately closed and the fluid resin poured.

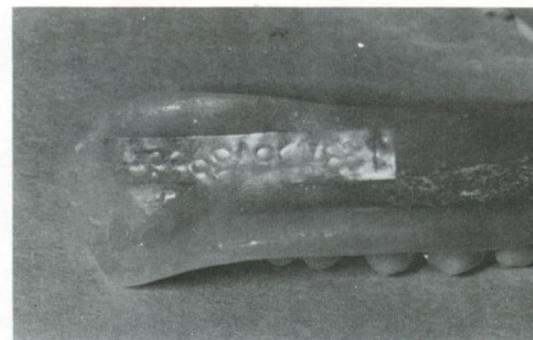
The metal identification strip is thus covered by a clear acrylic window which the patient does not feel; yet the strip remains visible and protected. The strength of the denture is not reduced and the metal strip can be easily and inexpensively inserted in a minimum of additional time. By placing the strip on the tissue side of the denture the esthetics of the denture are not impaired. This technique is recommended for all complete dentures, acrylic removable partial dentures, distal extension removable partial dentures, and all long span removable partial dentures when sufficient acrylic denture material is available to contain the metal identification strips. Identification of all other removable partial dentures is probably unnecessary as identification of the individual can be made from ante-mortem records based upon the number and arrangement of remaining natural teeth and dental restorations, and upon the design of the denture framework. In



The metal strips are adapted to the master casts prior to processing.



The metal strip may be placed on the lateral palatal slope instead of in the posterior palatal region. (Note that the numbers must face the tissue surface.)

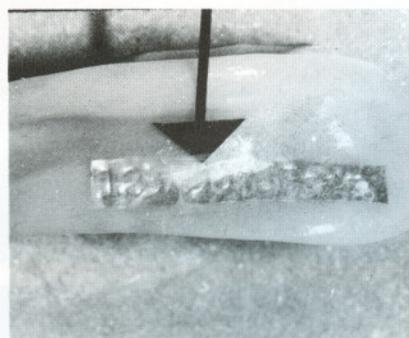
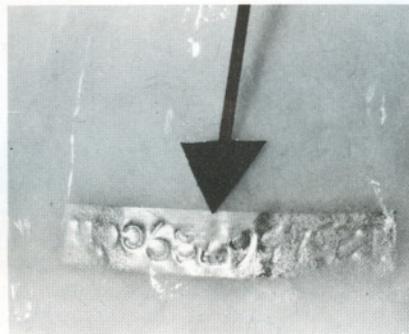
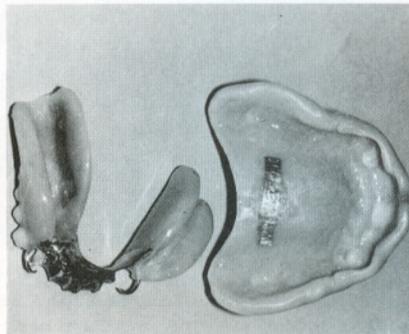
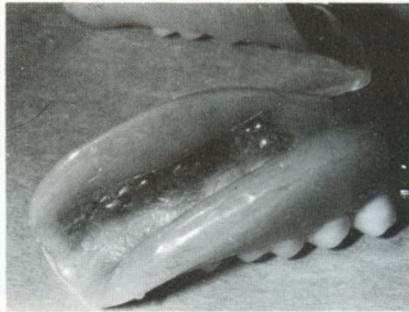
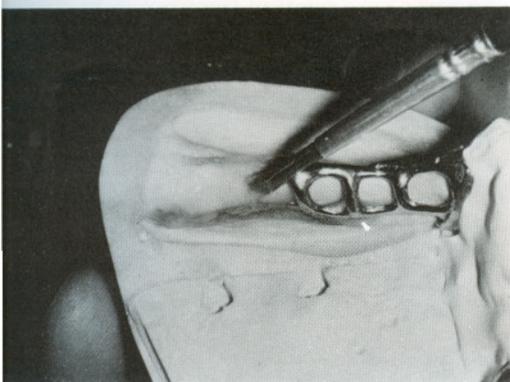
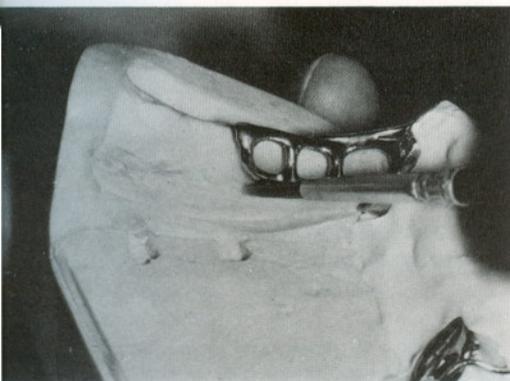
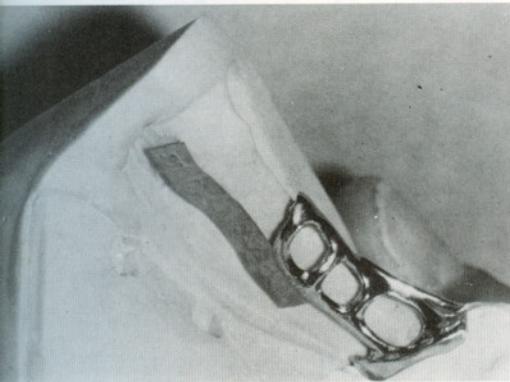


The processed denture with metal strips enclosed within the denture base are easily readable from the tissue side.



A clear autopolymerizing acrylic resin is used.

The procedure is identical with removable partial dentures.



If the metal strip is not completely covered with the clear acrylic the denture base fluid resin will flow beneath the strip making the identification number difficult to read (as indicated by the arrows).

this regard it is advisable to include the partial denture design in the patient's dental record.

SUMMARY

The requirements of identification by dental criteria can usually be satisfactorily accounted for with regard to dental work carried out on natural teeth. Complete and accurate records of all work performed usually provides considerable dental evidence for forensic purposes. The difficulties involved in the identification of the edentulous victim have been discussed and a technique suggested for the inclusion in the denture of a metal identification strip bearing the owner's social insurance number. Should the denture become lost or is stolen it can be returned to its owner. The system can serve to identify an unknown denture wearer in cases involving amnesia, homicide, or suicide. But of particular importance to the Canadian Forces, the insertion of such a metal identification strip can provide a possible means for the later identification of victims involved in mass disasters such as an airplane or other vehicle crashes with or without incineration.

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4. Jerman, A.C., *Denture Identification. Aeromed. Rev.* 6:1, 1968.

Uprighting a Mesially Tipped Molar



MAJOR R.A. FORTIER, C.D.,
B.A., D.D.S., DIP PERIO.

CAPTAIN W.A. MAILLET,
B.Sc., D.S.S

CASE HISTORY

A 46 year old male in good health presented with no significant past medical history. His chief complaint was that his "denture was loose" and that he had "sore gums" in the lower right second molar area.

Clinical examination revealed an ill-fitting complete upper denture, bilateral absence of the mandibular first and third molars, and a severely mesially tipped lower right second molar. The gingiva between the lower right second molar and the adjoining second bicuspid was bright red, edematous, and bled easily. No other active periodontal lesions were found. Oral hygiene was excellent and the patient was well motivated and caries free.

Radiographs showed mild generalized horizontal bone loss, a finding which was compatible with the patient's age. The area mesial to the lower right second molar could well be misdiagnosed as a severe vertical intrabony defect. However, after further consideration, it was determined that the "defect" was the result of molar tipping.

DIAGNOSIS

The diagnosis in this case could be summarized as follows:

- Acute gingivitis in the interproximal area between the lower right second molar and the lower right second bicuspid caused by mesial tipping of the lower right second molar and resultant food impaction.
- Normal bone resorption of the maxillary ridge.

TREATMENT PLAN

Rather than extracting the lower right second molar and making a lower partial denture with a free-end saddle, it was decided that the treatment of choice would be to upright the molar and construct a fixed splint from the lower right second molar to the adjoining bicuspid. This would eliminate the periodontal problem and, at the same time, avoid the shortcomings of the free-end saddle.

The complete upper denture was to be temporarily relined and later remade in conjunction with the fixed splint.

APPLIANCE DESIGN

To effect the proposed treatment, a Begg-type appliance using a resilient arch wire was employed. Burns¹ described its design in the following manner:

"The inclined molar and the

three teeth mesial to it are fitted with bands. A light-wire buccal tube (0.036 in.) with a vertical slot is welded to the molar band. The tube is placed parallel to the occlusal surface of the tooth and the central developmental groove. Standard posterior width edgewise brackets (0.022 X 0.028 in) are welded to the bands on the three anchor teeth."

An arch wire (0.018 in) is then ligated to the brackets on the anchorage teeth after first inserting one end into the horizontal tube on the molar. The active part of the appliance is a double helix spring with a vertical and a horizontal arm. The vertical arm inserts into the vertical slot on the molar tube. The horizontal arm has an opened loop at its end which is hooked over the arch wire in order to activate the appliance.

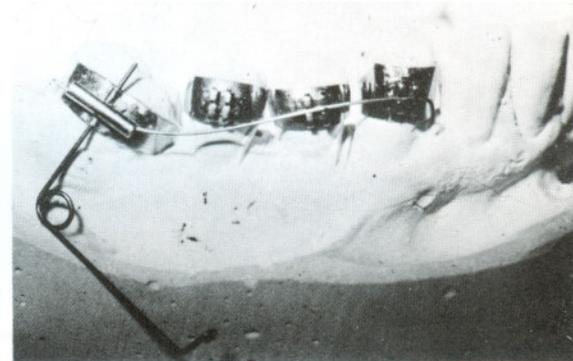


Figure 1 Inactivated appliance

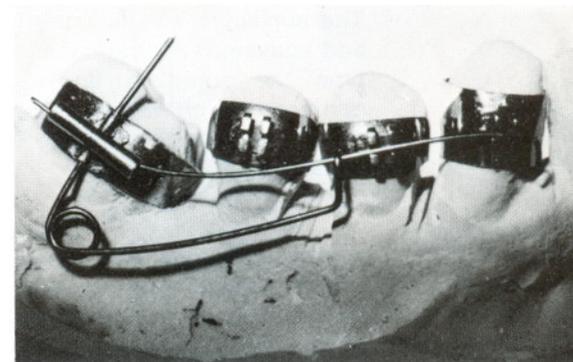


Figure 2 Activated Mode

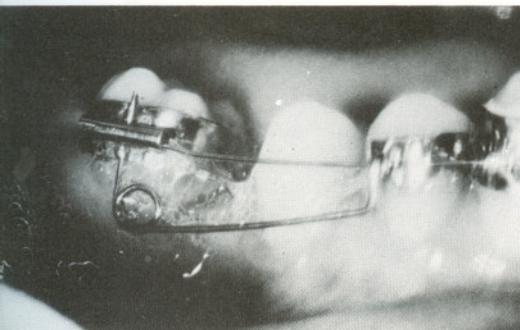


Figure 3
Appliance inserted leaving out
band on the second bicuspid

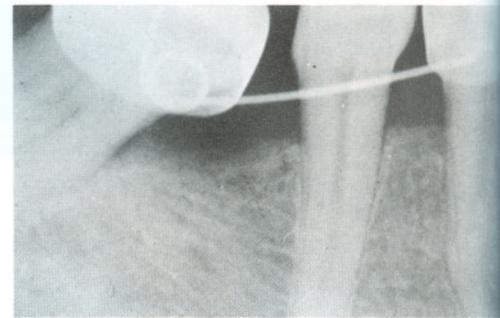


Figure 4 April 75

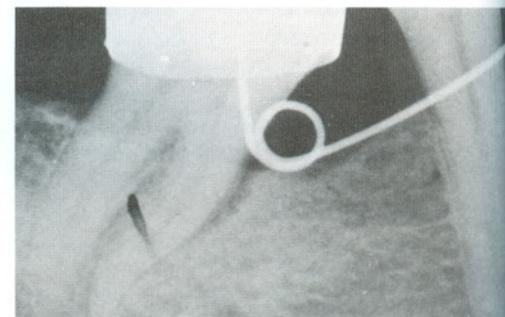


Figure 5 May 75

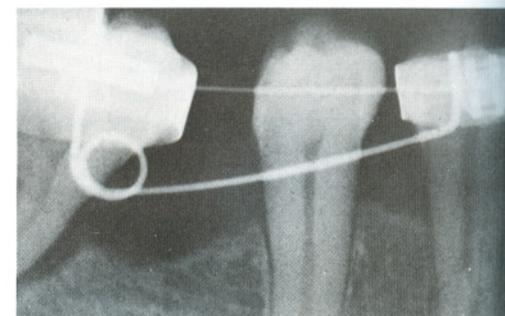


Figure 6 June 75

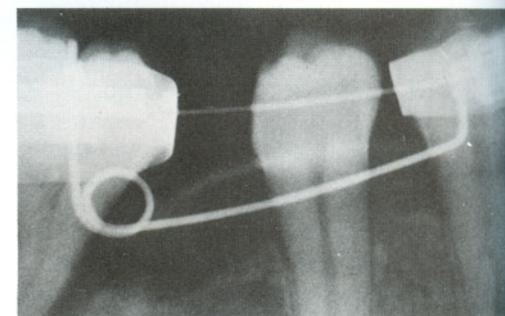


Figure 7 July 75

PROCEDURAL SEQUENCE

- The complete upper denture was relined with a long-term reline material.
- Bands were fitted in the mouth on the lower right second molar and on the adjacent bicuspid and cuspid. It was necessary to disk the mesial surface of the molar and the distal of the second bicuspid in order to fit the bands.
- A lower impression was made with the bands in the mouth. The bands were then placed in the impression and a model was poured. This model was sent to the dental laboratory where the appliance was constructed.
- The appliance was inserted and activated. At the same time the complete upper denture was ground out of occlusion over the second molar.

NOTE: When the appliance was inserted it was discovered that the arch wire could not be ligated to the bracket on the lower second bicuspid

without permanently distorting the wire. It was therefore decided to eliminate the band and bracket on this bicuspid, as shown in Figure 3.

- The patient was recalled at monthly intervals and radiographs were taken to follow the progress of treatment.
- Orthodontic treatment was continued until:
 - a. the molar was uprighted enough to accept occlusal forces along its long axis;
 - b. the space between the molar and bicuspid was opened enough to permit the patient to clean the area under the planned pontic; and
 - c. the molar and the bicuspid were parallel enough to permit the preparation of these teeth as bridge abutments.
- The appliance was then removed and a fixed splint from the molar to the bicuspid was fabricated in conjunction with a new complete upper denture.

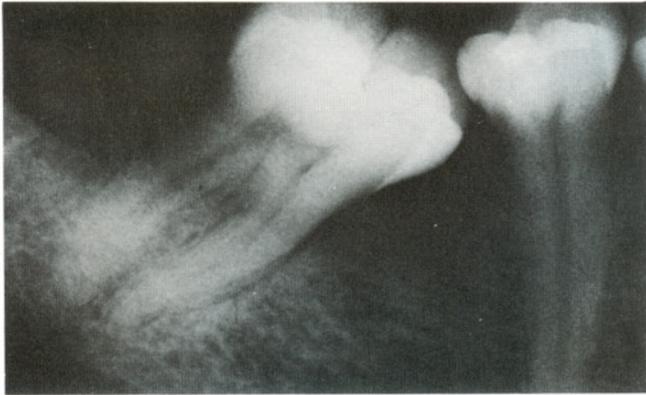


Figure 8 Before Feb 75



Figure 9 After Dec 75

CASE SELECTION

Obviously not every case of mesially tipped molar is suitable for this type of treatment. There are no hard and fast rules by which to select a case, but the following guidelines as put forth by Kramer & Reiser² may prove useful:

1. The tooth should be stable within acceptable limits.
2. Adjacent teeth should not be damaged by the biomechanics.
3. Sound teeth should not be extracted to create space for movement without absolute justification.
4. Furca involvement, even if minimal, in the molar to be moved should be regarded suspiciously with the possibility that a more serious involvement could be found at the termination of orthodontic movement.
5. If root proximity and embrasure space between adjacent molars are questionable before uprighting, the problem may become more severe after treatment unless movement or extraction of the adjacent tooth is carried out.

6. If repositioning is carried out to level the osseous lid of a mesial intraosseous periodontal lesion, the change in topography should be substantial enough to warrant the interception.
7. If a prosthesis is to be constructed after orthodontic and periodontal treatment, its quality should be at a level high enough to guarantee that iatrogenicity will not recreate the problems just solved.

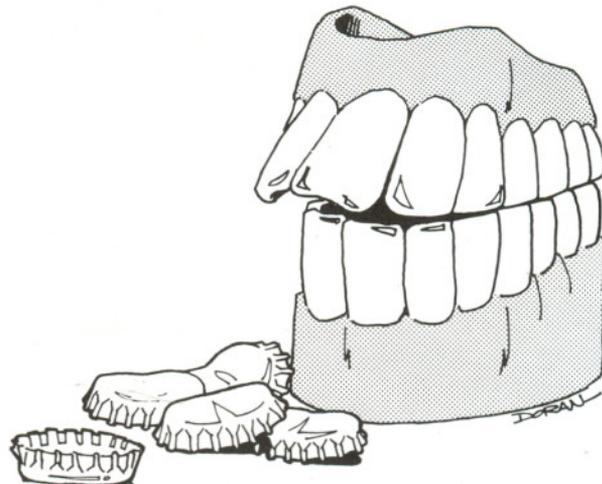
SUMMARY

A case has been presented in

which a mesially tipped molar was uprighted with a fixed appliance. The appliance itself was not complicated and could easily be used by the dental officer as an alternative to extraction and free-end saddle prosthesis.

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1. Burns, Michael H. *Orthodontic management of tipped abutment molars*, *Oral Health*, 64:16-19, Nov 1974.
2. Kramer, Gerald M. and Reiser, Gary M. *The tipped lower molar: therapeutic considerations*, *Alpha Omegan Scientific Issue*, 66: Dec 1973.



14th Annual CFDS GOLF Tournament

The 1976 edition of this annual event took place at CFB Trenton on Thursday and Friday, 26-27 August. Seventy-eight golfers participated on both days and eighty-six current and former members attended the presentation banquet.

During this period, the weatherman cooperated extremely well.

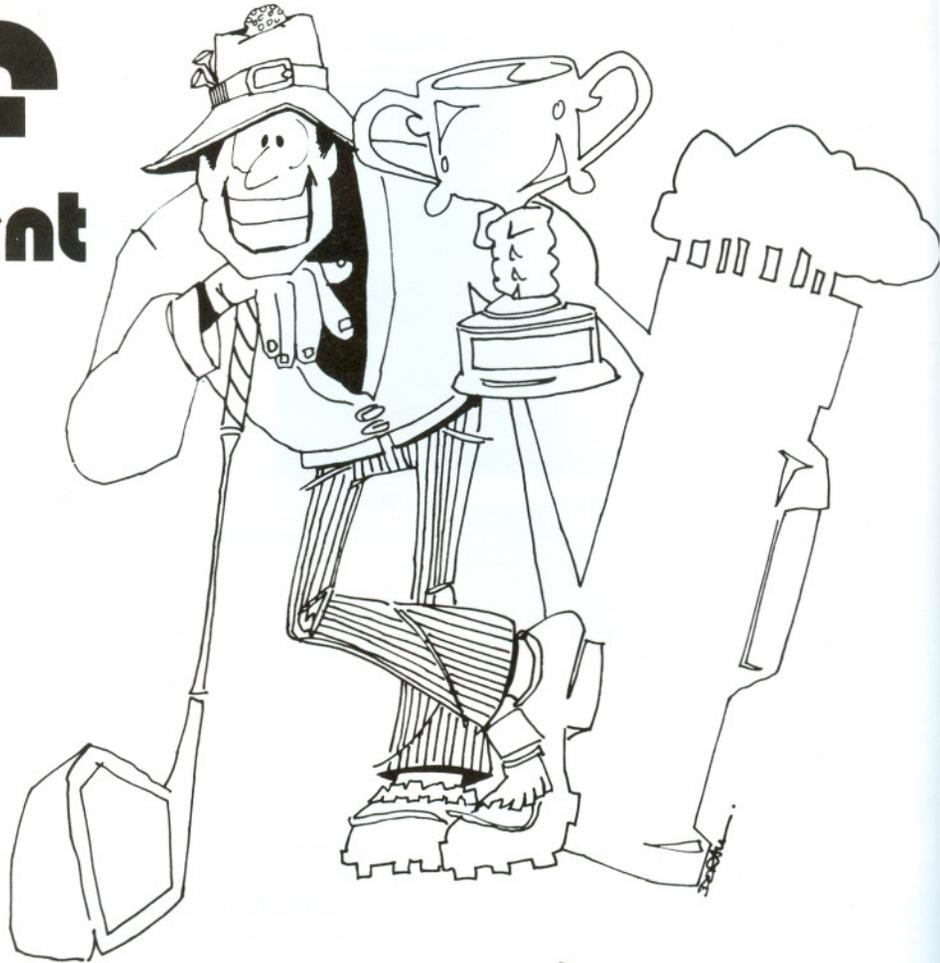
Sincere congratulations are extended to the DOTP team on their victory.

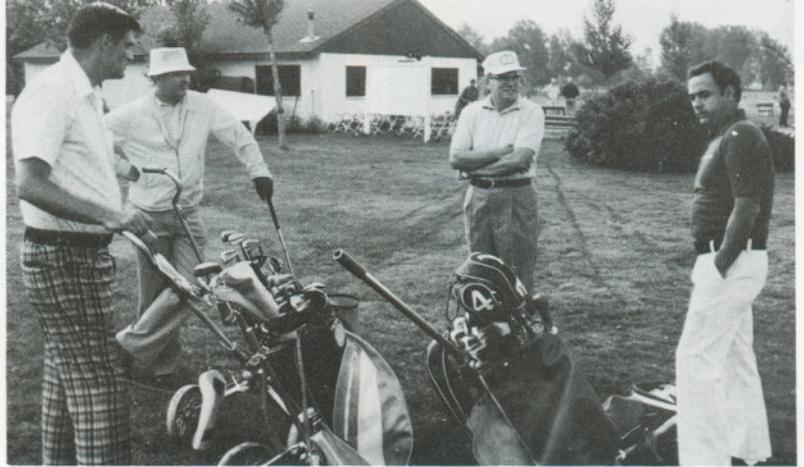
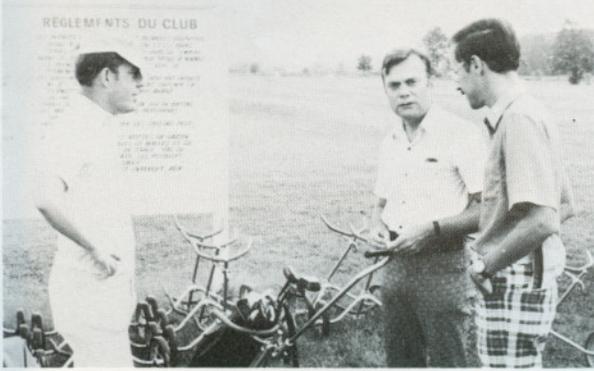
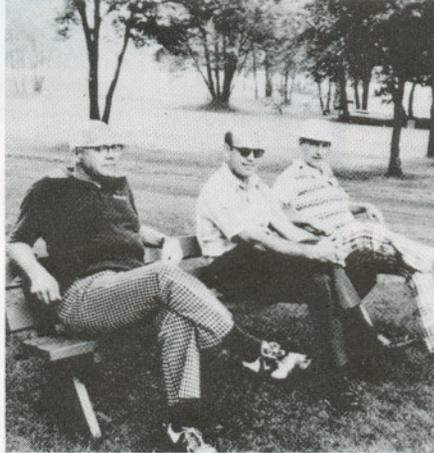
To those who missed the winner's circle, there is always next year; be sure to join us for the next annual CFDS tournament.

RCDC(R) Officers Trophy —
Gross — DOTP team:
2Lt E.L. Reid
2Lt B.D. Harper
2Lt H.W. Garland

K.M. Baird Trophy —
Gross 36 — 2Lt E.L. Reid
G.R. Covey Trophy —
Gross 18 — MWO R.E. Todd
Tournament Net Prize —
Low Net 36 holes —
MWO E. McFadden
Closest to Hole — Thursday —
Col L.R. Pierce
Closest to Hole — Friday —
Dr. R.G. Bryant
Longest Drive — Thursday —
Maj M. Freedman
Longest Drive — Friday —
Capt R.K. Hockney
Most Honest Golfer — Sgt H. Bigras
Winner of the draw — Capt J. Jury

1. BGen Thompson shown presenting the RCDC (R) Officers' Trophy to the DOTP team of L to R: Wayne Garland, Eric Reid and Brad Harper.
2. BGen (Ret'd) K.M. Baird shown presenting the K.M. Baird trophy to 2Lt Erid Reid (DOTP-McGill)
3. Col L.R. Pierce shown presenting the G.R. Covey Trophy to MWO Roy Todd.
4. Capt J. Jury held the lucky number in the main draw.







CFDS NEWS



Division News

CHANGE-OVER IN DENTAL TREATMENT SERVICES

National Defence Headquarters has recently announced the promotion of Lieutenant-Colonel James N. Wright to the rank of Colonel and his appointment as Director of Dental Treatment Services for the Canadian Forces.



Colonel Wright obtained his DDS from the University of Alberta in 1956. During his career he has been closely allied with dental education and with organized dentistry. He is a certified specialist in periodontics having received training at Walter Reed Army Medical Center and Georgetown University in Washington DC and has a Master of Science in Dentistry degree in Oral Pathology from the University of Toronto. Colonel Wright has served as an instructor in Endodontics and as Head of the Department of Periodontics at the Canadian Forces Dental Services School. He also was the Assistant Chief Instructor and Head of the Departments of Periodontics and Oral Medicine on a special re-

training program for Czechoslovakian dentists which was conducted at the University of Western Ontario in 1969-70. Colonel Wright has served on the Canadian Dental Association Post-graduate Accreditation Survey Committee in 1973 and for the past two years has been the CFDS alternate to the Canadian Dental Association Board of Governors. He has also lectured extensively at the national and provincial levels, and at local dental meetings.

During his career in the Canadian Forces Dental Services Colonel Wright has served as Base Dental Officer on air bases at Clinton, Ontario and Cold Lake, Alberta, at sea with the HMCS Ontario, and as Senior Dental Adviser to the United Nations Emergency Force in the Middle East.

Prior to his present appointment Colonel Wright was Special Projects Officer for the Director General of Dental Services. He presently resides with his wife Elaine and three daughters in Ottawa.

In other personnel changes, Lieutenant-Colonel J.M. Donely assumed the directorship of the Dental Plans and Requirements function of the Division from Lieutenant-Colonel M. Deyette who relinquished that position to become Commanding Officer of 1 Dental Unit. Lieutenant-Colonel J.F. Begin was posted into the Division from CFB St Jean to take over the DDTS-3 function from Lieutenant-Colonel H. Wood who, after five active years with the Division, was appointed Base Dental Officer at CFB Cornwallis. Finally, Lieutenant-Colonel J.L.Y. Cyrenne was moved "across the street" from his PCO / Dent / Chap / Leg desk and assigned the various tasks and responsibilities of Special Projects Officer for the Division. These permutations were accompanied by the usual sighs of relief on the part

of the incumbents and by the now famous "Capital Valley Blues" from those posted in. Cheer up, Boys, it's only a three to four year stint!

Soon after his arrival LCol Begin attended the CDA Convention in Edmonton and presented a paper entitled "A Preventive Program That Works!". Concomitantly, he represented the CFDS at the Canadian Standards Association Sub-Committee on Rotary Instruments meeting also held in Edmonton. As a further introduction to his new assignment, LCol Begin attended a Performance Measurement Course in Ottawa from 20 to 24 Sep 76 and an ADM(Per) Group Orientation Course from 4 to 8 Oct 76.

LCol Lanctis undertook the annual DOTP recruiting drive which began in early September and was completed in early December. This year's campaign involved coordinated recruiting visits to all the Canadian dental faculties (with the exception of Laval which was strikebound). The DOTP presentations were generally well received by those students attending; however turn-outs were down in relation to last year's attendance. Only time will tell if our increased efforts in this vitally important area will bear fruit.

General Thompson and Colonel Wright attended the CDA Board of Governors meeting held in Edmonton, Alta, from 11-15 Sep 76.

The Director General of Dental Services then journeyed to Athens, Greece, to attend the Fédération Dentaire Internationale annual meeting. General Thompson sat in as the Chairman of the Committee on Military Dentistry during the proceedings. The DGDS also travelled to Borden between 22-23 Oct 76 to attend the RCDC Association meeting.

CFDSS News

contributed most to the success of the field exercise. The annual Wally Mitrikas Golf Tournament which was held during the last week of the DOTP training, was, as usual a success and 2Lt E. Reid (what else is new) took top honors. The tournament was followed by a Bar-B-Q and get-together in the clubhouse.

As usual, the last half of the summer has been a busy time at the CFDSS. New arrivals to the clinic include Maj K. Morley, upon completion of post-graduate training in pedodontics; Maj R. Orenczuk from Toronto; Capt M. Garriott from Shearwater and Capts D. Cahoon and M. Irwin from the U. of A. Sgt P. Lunney, Cpl B. Quine, Cpl F. Lemieux and WO H. Ayerst have joined our staff. Pte M. Rees, Pte H. McCurdy, Sgt H. McGillivray and Sgt Wilson have all been posted to new locations across the country. WO Hall now toils for Base Supply here at Borden. Maj G. Ames has left for post-graduate training in Kentucky. Maj J. McCallum has now assumed B Dent O duties with LCol McQueen's posting to Halifax.

Two courses have recently been completed. A TL4 lab course with eight candidates ended in mid July. The annual DOTP phase training also terminated in July. The third phase honor candidate award went to 2Lt B. Harper (U. of T.). 2Lt B. Cornell (U. of T.) won the second phase honor award. 2Lt D. Stotsky (U. of A.) and 2Lt Grover (Dalhousie) shared the trophy given to the individuals from each phase who



Presentation of the Honour Cadet Trophy for Second Phase DOTP to 2Lt B.E. Cornell, U of T.



Presentation of the Honour Cadet Trophy for Third Phase DOTP to 2Lt B.D. Harper, U of T.



The Field Exercise Trophy is awarded jointly to selected Second and Third Phase DOTP Officers. 2Lt D.S. Stosky (Alberta) was the Third Phase recipient but 2Lt Grover (Dalhousie) appears reluctant to relinquish his share of the trophy!



Col Comdt K.M. Baird presenting the Field Exercise Training Trophy to 2Lt D. Stosky, Third Phase, University of Alberta.

Several of the senior officers at the school attended the C.D.A. convention in Edmonton. LCol N. Andrews and Majors McCallum, Cragg, and Budzinski all presented material in their specialties.



Col Comdt K.M. Baird inspecting the DOTP Second and Third Phase Graduation Parade. The parade Cmdr was 2Lt Fitch.

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Dental Unit News

WELCOME

LCol Morley Deyette has taken over as Commanding Officer of No 1 Dental Unit. LCol Deyette's former employment was with the DGDS as Director of Dental Plans and Requirements.

Major Gen Gunther arrived back from his two year General Dentistry Course in New Jersey. He speaks quite highly of the course and recommends it to all. Major Gunther purchased a home in Rothwell Heights and will be employed at the NDHQ Clinic.

Cpts Thérèse Michaud (DOTP - Montreal), Geoff Iverson (DOTP - Toronto), Pete Gillies (DOTP - Western) reported in for duty with 1 Dental Unit upon graduation from their respective universities.

Maj Chagnon returned from Ismalia only to find out he was on the road again, this time on posting to CFB Valcartier!

GOODBYE

A unit social function was held on 10 Sep 76 at the CFB Ottawa (North) Curling Club to say goodbye and extend our best wishes to our Commanding Officer, LCol Murray Donely upon his posting from No 1 Dental Unit to the DGDS as Director of Dental Plans and Requirements.

SPORTS

The 22nd of July was one of the few beautiful days we had in Ottawa this summer. It was also the day of the No 1 Dental Unit Annual Golf Tournament. In spite of annual leave, the turnout of golfers and "would be" golfers was excellent. Dr. Gaetan Boulanger won the trophy for low gross. Capt Bill Wiseman won the prize for low net and Capt Thérèse Michaud was the most honest golfer. The fine weather, the good golfing, and the

enjoyable social gathering that followed all contributed to the success of the day.

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Dental Unit News

PERSONNEL

LCol Taylor and family returned from their European holiday with nothing but good reports and plans to return.

WO Norm Cable received his certificate to practice dental hygiene from the College of Dental Surgeons of British Columbia and after joining the Vancouver Island Dental Hygienists Society was elected President for the year 76-77.

Norm will be a busy man as he has also been elected Vice-President of the Pacific Sea Searchers' Dive Club.

Word has been received from the American Board of Oral Surgery that Major Harreman passed his Certification examinations and has been certified a Diplomat of the American Board of Oral Surgery.

VISITS

Col L. Richardson, Commandant CFDSS visited CFOCS Chilliwick from 19-21 July and dropped into the clinic for a look around.

BGen Neatby was a recent visitor to 3 PPCLI at Work Point.

Maj Barber DMPR-3 visited the Masset Station Hospital from 12-16 Jul. Renovations of the hospital will commence 1 Apr 77.

SPORTS

A committee composed of Maj Hansen (Royal Roads) and MCpl

Angus, assisted by WO Armstrong, did a fine job of organizing the annual golf tournament at the Royal Colwood Golf Course. The course was in beautiful condition and the weather was just perfect. MCpl Skip Solomon won top honors (low net) with Capt Sproule as runner-up. The low gross was won by Capt Peter Lobb. The reception was held in the castle at Royal Roads in a pleasant and congenial atmosphere. Major Hansen's silver tongue was responsible for obtaining the facilities and services. A most enjoyable day!

Herb Bilbey our friendly fisherman from the Central Laboratory, accompanied by Dick Gratton and Ray Goulet, caught a 42 lb salmon. Herb points out that it has taken three years to catch the big one. You have to admit, that's worth waiting for, and would you believe it, only two days before the big Fishing Derby!

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Dental Unit News

SPORTS EVENTS

The Annual 12 Dental Unit Golf Tournament was held at CFB Greenwood on 25 Jun. The attendance this year was smaller than usual with 24 participants. Scores are not included to protect the guilty but prize winners were: LCol I. MacDonald, Maj H. Meisner, Maj L. Hudgins, Maj H. Amos, Capt R. Leblanc, Capt R. McWade, Capt Kuhn, Capt G.J. Meisner, 2Lt H.W. Garland, Sgt F. Boosamra, MCpl W.L. Spencer, Cpl J.G. Laperle, Pte(W) Boulianne, Ted Meisner and Jack Mullins.

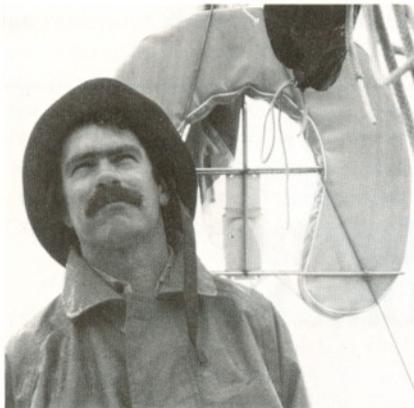
A record for the smallest golf tournament may have been set by the Summerside clinic (strength 6) when they held a clinic golf

tournament on 14 Jul. It is also interesting to note that Capt Ray Leblanc donated a trophy and prize and proceeded to win them himself.

Physical fitness is a way of life for our combat ready troops in Gagetown. To show this they participated in the Combat Training Centre Track and Field Meet on 15 Jun. They couldn't produce any medals so sent along a photo as proof of their participation!

WINS PHOTO CONTEST

Capt Ron Smith, CFB Cornwallis won first prize in the annual Canadian Armed Forces Photo Contest. The subject of the winning photo is well known in these parts. Capt Ron Smith was a fellow member of the Cornwallis staff at that time.



CF Photo contest — Winning entry by Capt Ron Smith.

PART "A" DOTP

It was a real pleasure to host eight DOTP candidates this year. All were sharp and willing and we were able to give them more than clinical experience. 2Lts Gosselin and Sambourski gained field experience with 41 Commando (British) at CFB Gagetown. 2Lts Grover, Boisclair and Garland managed some sea time aboard HMCS Iroquois. As a matter of fact they came close to being late for Part "B" training at the CFDS School and had to be airlifted by helicopter from the ship! 2Lts Pyne and Reid completed their Part "A" at the CFB Greenwood clinic, while 2Lt Tisch was assigned to CFB Cornwallis.



Front row left to right Sgt ML Allen, 2Lt E. Samborski, Cpl JC Poulin, MWO J. Atherton, Sgt EF Barnes, Cpl CH Forsythe Back row left to right Sgt TW Mountain, M/Cpl NA MacLeod, 2Lt J. Gosselin, LCol H Brogan, Cpl JH Ratajczak, WO J. MacDonald

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Dental Unit News

SPORTS

Capt R.J. MacDonald had just settled into CFB Toronto from McGill University when he departed on a three week canoe trip to Lake Timagami. According to the tale being told, a record large mouth bass was caught with such statistics as: length 17 inches and weight 5 pounds. While not wishing to be cynical, it must be noted that neither photographic or physical evidence has been offered, only verbal!

Still on the CFB Toronto front, Sgt "Russ" Black was again in the money during the WO's and Sgts' Mess inter-base golf tournament hosted by CFB Toronto at the Glen Shield Golf Club on 20 Aug. For his efforts Russ won a fine spinning rod. Perhaps he and Capt MacDonald should get together.

While playing at the Pinewood Golf course in North Bay, Cpl Don

Purich scored a total of three holes-in-one! The first two were on the 204 yard 16th hole using a five wood and the third was on the 108 yard 8th hole using a wedge. The only question left to answer is whether his game is improving or his luck. It's hard to say; however, it should be noted that Don was forced to miss four days of golf so far this year due to a very heavy workload at the dental detachment...

EXOTIC VACATIONS

While on annual leave WO Darryl Mason and his family toured the sunny state of Florida. His main objective during this visit was "to see coconuts growing on trees". However, to his dismay not a single coconut was visible. To ensure their trip was not a total disaster, they visited the Disneyworld site and other points of interest in the Florida area.

FOND FAREWELLS

After a lengthy and interesting career MWO Merv Fediuk bade farewell to the CFDS. To ensure that Merv was sent on his way in style, the CFB Petawawa WO's and Sgts' Mess honoured him at a mess dinner on 8 July 76. In attendance were all Officers, Warrant Officers and Senior NCO's of the Petawawa Dental Detachment and many of Merv's friends from the local area.

Following a friendly "roasting" by WO (ret'd) Jim Clarke, Merv was presented with a CFB Petawawa plaque. On 15 July all detachment members and their wives attended a barbecue at the Petawawa Rod and Gun club in Merv's honour. He was presented with a silver tray on behalf of the members of 13 Dental Unit and fishing equipment on behalf of the Petawawa detachment members.

LCol K.L. Steegstra, BAdmO, CFB Toronto and Maj G.D. Petrie, BDentO are shown presenting Sgt P.J. Lunney with her chevrons on her recent promotion.

BEAR FACTS!

Sgt Brian Hannah showed his superior skill in the mile run when he was chased by a black bear near Hinton, Alberta. Brian was on a walk-in fishing trip at the time and when he disappeared in a cloud of dust the bear went after another fisherman who had his creel and backpack torn off and mangled. Who says physical fitness is a waste of time?

OTHER NEWS

Pte Fred Alliston has been so successful in his secondary duty of announcer at Base Cold Lake radio station CHCL, he has decided to pursue this career after his release in November. Harvey Kirck and Lloyd Robertson had better start brushing up on their presentations.



On 9 Jul 76 the members and wives of the CFB Trenton dental detachment and 13 Dental Unit headquarters attended a barbecue to bid farewell to LCol "Cliff" Gullekson on the occasion of his retirement. During the farewell party LCol Gullekson was presented with a silver tray on behalf of the members of 13 Dental Unit and a wallet set on behalf of the detachment members, while Mrs. Gullekson was presented with a dozen red roses.

SPORTS IN THE NEWS

Colonel J.C. Brick attended the 1976 Olympics as the Assistant Director of Shooting. Major R.J. Paturel was also employed at the Olympics as a Protocol Officer.

Sgt John Walker of Cold Lake was chosen by the Canadian Soccer Association to attend the 1976 Olympics as a soccer official. It was a great thrill for John to work with soccer great Bob Wilson who had been goalkeeper for both the English Arsenal and the Scottish National Team.

Sgt Al Gray attended the Manitoba Summer Games in Neepawa as the coach of the Winnipeg South Swimming Team and as an official for the Canadian Amateur Swimming Association. The Winnipeg South team finished the swimming events in second place.

LCol Hank Griesbach bought an 800 acre horse and cattle ranch and of course a new stetson, and is now a fullfledged cowboy. There is no truth to the rumour that all his patients are tied to the chair and branded.

The Fourth Annual Dental Mixed Two-Ball Golf Tournament was held at the Charleswood Golf Club in Winnipeg on 10 Sep 76. It was a typical Winnipeg day complete with sunshine and the golf although not spectacular was enjoyed by all those who took part. The tournament was won by the team of Roy Tallack and Jean McPherson even though they did not complete the last hole. I guess Roy thought that six putts on one green was enough for anybody! Golf was followed by a dinner and dance and was attended by almost all members of the Unit employed in Winnipeg.

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Dental
Unit News

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Dental Unit News

ANNUAL UNIT CONFERENCE

The third Annual All-Ranks 15 Unit Conference was held at CFB Valcartier 30 Sep — 1 Oct. As in previous years it was essentially a training conference with professional and trades presentations.

Guest lecturers included Major Bob Fortier from 12 Unit, Capt W. Jackson from Training Systems, MWO Earl McFadden from 1 Unit accompanied by Mr. Bourdonnais and Mr. White from Ceramco, and Mr. Lawson from Proctor and Gamble (Crest). Our own LCol Turcotte gave a presentation in Oral Surgery.

Career Managers LCol Cyrenne and CWO Adams were in attendance and conducted personal interviews during the conference.

A barbecue ably organized and hosted by the Valcartier Detachment was held the first evening of the conference. It was so successful and the atmosphere so congenial that the party continued on much later than anticipated.

Equally successful and enjoyable was the Unit Golf Tournament held on Friday afternoon. The weather cooperated beautifully and the autumn tints in the woods around the course were superb. (Many golfers had a chance to view them at close range — searching for lost balls). WO Harkin was the 1st low gross trophy winner. Placing 2nd and 3rd were Capt Valois and Cpl Jobin.

ABOARD THE HMCS PROTECTEUR

In spite of the hustle and bustle of an Olympic summer in St Hubert, some of the staff in the area were afforded a brief respite during a visit to the supply ship HMCS Protecteur at the Montreal Harbour. The ships dental officer, Capt Sorochan and his assistant Sgt Rheault were most hospitable hosts and gave us a tour of the ship including their unbelievably compact and efficient clinic. CWO Johnson even took time out from his busy schedule to explain the intricacies of the engine room, water, air conditioning and electrical

systems. The visit, concluded by a welcome and refreshments in the Ward Room and Chief and Petty Officers' Lounge, was thoroughly enjoyed and very much appreciated.

HOLE-IN-ONE

One bright spot in the golf season was Col MacDougall's hole-in-one (his first) at the Highland's Golf Course, CFB Uplands. He didn't have hole-in-one insurance and it is understood that his blood pressure went up considerably.

FELINE DENTISTRY

MCpl Brisebois returned home one evening to learn that his cat had broken an upper left cuspid while chasing his tail. He decided that the tooth had to be repaired as a minor pulp exposure was visible. An application of "Dycal" provided immediate relief (?) to the aching fang, but permanent treatment was necessary.

After consultation with Capt Loiselle, it was concluded that an acid etch was impossible and that the only permanent treatment was to construct a full gold crown over the remaining portion of the broken tooth. Dies were used to produce an impression and the crown was constructed in the usual manner



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with particular attention to the anatomy. The crown was then cemented in place with carboxylate cement.

After the insertion, the patient celebrated the occasion by eating a full can of Miss Mew (which presumably proved that the operation was a success).

NOTE: The gold used was purchased by MCpl Brisebois from Ash Temple and all the work was done after working hours!



WO Lansey delivers his farewell speech on the occasion of his retirement after 35 years in the military.

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Field Dental Unit News

CHANGE OF COMMANDING OFFICER

LCol H.W. Brogan assumed command of 35 Field Dental Unit 23 Aug 76.

TRAINING

This year's field training commenced on 08 Sep 76, and was completed on 15 Oct 76. Virtually every member of 35 Field Dental Unit was involved. The honour roll went like this: Majors Higgins, and Lemieux; Captains Amundrud, Alberti, and Stone; MWO Lambert; WO Sprathoff; Sgts Danyluck, Hannay, and James; MCpls Hansen and Paige.

SOCIAL EVENTS

Sgt Allen and Sgt Hannay attended the Soldiers Friendship Gathering, at Canstatt near Stuttgart 27 Sep 76. Countries represented were, Germany, France, USA, and Canada. Badges, ties, shirts and

even complete uniforms were exchanged. It was very enjoyable and informative.

RETIREMENT PARTY

A dinner was held for WO "Ed" Lansey on the occasion of his retirement from the Canadian Forces. WO Lansey's career of 35 years in the military has included combat service in North Africa and Italy with the US Army during WW II. Ed left the service after the war and settled in New York where he continued his education. He then decided to try his hand at acting. After working for two years in Hollywood, Ed rejoined the Canadian Forces. He served with the Black Watch and then remustered to the RCDC in 1956. He remained with the CFDS until his retirement this year. All of Ed's friends in the CFDS and other units wish him the best of luck in civilian life.

1

Dental Equipment Depot News

Captain J.R. Savoie, CO 1 DED, proceeded on TD to Tunney's Pasture, Ottawa, on 25 August, to attend a meeting with personnel from DGDS and DSRO on post-conversion.

A 1 DED-CMED-13 Dental fishing derby was held on 23 June. The event was well attended and enjoyed by all. A large number of fish were caught but as usual "the big ones" got away.

All available personnel of 1 DED joined the staff of the Petawawa Dental clinics at an informal gathering, at the CFB Petawawa Rod and Gun Club on 15 July, to bid farewell to MWO M. Fediuk on his retirement from the service.

Dental Detachment Cyprus

The real hot weather is with us now — not your mere 75-85°F, but the golden-tan producing temperatures. Needless to say everyone in the clinic is making the best of a good thing. Every spare day is spent at the coast both as a relief from the temperatures of Nicosia as well as the chance to get into the lovely cool Mediterranean.

Captain Mel Kropinak, WO Don Hill, and MCpl "Skip" Solomon departed for home in May and were tanned and fit from jogging, squash and tennis. They were replaced by Major Ed Graham, Sgt Gary Bowser, and MCpl Jerry Craig all of whom will be looking after the dental needs of 2PPCLI of Winnipeg, the Ca-

nadian unit currently on duty in Cyprus. MCpl Craig and Sgt Bowser are busily ticking of the days on the calendar leading up to Oct. Maj Graham thinks that the island sounds like a good legal tax haven (after paying Manitoba taxes) and may well stay on to become a full-time resident.

All three of the staff are engaged in learning the art and science of gliding, courtesy of the local British gliding club. As well, MCpl Craig is the unit sailing co-ordinator, so perhaps the Dental Services will end up with their own air and naval command. Tennis, anyone? The courts have been busy lately with singles, doubles and tournaments, so sports hours are not wasted.

The organized tours of the island set up by Welfare Office are finding a good following. There's a lot to see in Cyprus, both in natural

features and in the multitude of historical sites. A camera buff can find a variety of subjects here.

The clinic was honored with a visit by the Lieutenant-Governor of Manitoba, who came over on a visit to the Manitoba-based 2PPCLI. He was presented, with all the ceremony appropriate to such an occasion, with an Odonto oral hygiene kit! It was the Lieutenant-Governor's first visit out of Manitoba and he seemed to have enjoyed the venture.

Politically, things are pretty quiet in Cyprus, and for this we are all thankful. The next team arriving in October may find things a little more unsettled due to the general elections to be held at that time. Politics in this part of the world are not the same as the relatively quiet and sedate exchanges in Canada. Hopefully, all will be settled on the political net with a minimum amount of gunfire!



GENERAL



NEWS

welcome

Mrs Z. Anderson, Capt D.G. Cahoon, Pte S. Clayton, Miss M. Doans, Capt P.A. Gillies, Capt J.G. Grenier, Sgt J. Huntley, Capt M.L. Irwin, Capt G.W. Iverson, Capt(W) C.B. Leek, Capt K. MacDonald, Capt R. MacDonald, Mrs D. Manfredi, Capt R. Mazurat, Capt R.A. McWade, Capt G. Meisner, Capt C. Mensinga, Capt T. Michaud, Capt D. Morrow, WO R. O'Shea, Capt P. Peterson, Capt J. Rouillard, Capt W. Schadt, Capt J. Servers, Capt T. Strilesky, Capt B. Taylor, Capt E. Toporowski, Capt R. Wade, Sgt E. Webb

farewell

MWO W. Bennett, Mrs S. Bolger, Capt R. Bowes, Capt D. Clark, MCpl W. Corrigan, Cpl K. Davis, WO J. Deblois, MWO M. Fediuk, Capt D. Graham, Mrs G. Guertin, LCol C. Gullekson, Pte J. Hickman, Sgt J. Hill, Capt R. Hunt, WO E. Lansey, Sgt J. Larouche, Capt E. Lobb, WO R. McDonald, MWO S. McLean, Pte M. Miron, Capt D. Ragan, Sgt W. Renwick, Sgt C. Schmelzle, WO G. Shechosky, Capt J. Trottier, Pte M. Vallée, Sgt J. Violette

promotions

BGen — BGen W.R. Thompson
Col — Col J.N. Wright
LCol — LCol D. Jones,

Maj — Maj P. Kozak,
Maj T. Levy,
Maj K. Hansen,
Maj J. Lavallée,
Maj R. Orenczuk,
Maj R. Thompson

Capt — Capt D.G. Cahoon,
Capt P.A. Gillies,
Capt J.G. Grenier,
Capt M.L. Irwin,
Capt G.W. Iverson,
Capt(W) C.B. Leek,
Capt R.D. Mazurat,
Capt G.J. Meisner,
Capt C. Mensinga,
Capt(W) M.J.T. Michaud,
Capt D.J. Morrow,
Capt K.V. MacDonald,
Capt R.J. MacDonald,
Capt R.A. McWade,
Capt P. Peterson,
Capt J.J.G. Rouillard,
Capt W.C. Schadt,
Capt J.J. Severs,
Capt T.M. Strileski,
Capt B.R. Taylor,
Capt(W) E.A. Toporowski

WO — WO M. Arbor,
WO P.J. Armstrong,
WO P. Harkin,
WO P.J. Mehler,
WO E.J. Schultz

A/WO — A/WO J. Bernier

Sgt — Sgt J. Brisebois,
Sgt M.T. Brosha,
Sgt M. Dallaire,
Sgt P.J. Lunney,
Sgt B. Rector,
Sgt J. St. Pierre

MCpl — MCpl J. Angus,
MCpl R. Claneau,
MCpl J. Levesque,
MCpl J. Thompson

Cpl — Cpl C. Dorsey

training

CFDSS

Officers Clinical Course Oral Surgery

LCol H. Griesbach, Maj G. Ames,
Maj J. Ayotte, Capt H. Corrigan,
Capt R. Leblanc, Capt W. Wiseman.

DE Tech Level 6A

MCpl G. Gallagher, MCpl J. Oakley

Dental Therapist TL 6B Course

MCpl L.J. Côté

CANADIAN FORCES TRAINING

SIT 1 Course

Sgt R. Haiplik
Sgt W. Jenereaux
Cpl G. Payette

SIT 2 Course

MWO R. Todd

SIT 4 Course

Maj W. Budzinski
CWO R. Matheson
WO L. Pion

Warrant Officer Qualifying Course

Sgt M. Arbour

POET Course

MCpl D.J. Morphett

honours and awards

2nd Clasp to CD
Col G. MacDougall

1st Clasp to CD
MWO J. Hossdorf
Sgt C. Sabine-Pasley

CD
Capt A. Higgins, A / WO J. Bernier,
Sgt J.A. Larouche

births

Congratulations to the following on their new arrivals:

Daughter
Capt & Mrs H. Corrigan, Capt & Mrs J. Gagnon, Capt & Mrs S.T. Gordon, Capt & Mrs W.J. Jury, Capt & Mrs W. Lawton, Capt & Mrs R. Riley, Capt & Mrs K. Whitmore, Sgt & Mrs J. Brisebois (2), Cpl & Mrs J. Moir, Cpl & Mrs T. Roco

Son
Capt & Mrs J. Beauchemin, Capt & Mrs G. Huff, Capt & Mrs P. Langlois, Capt & Mrs J. Rouillard, Sgt(w) F. & Mr Hartley, Cpl & Mrs R. Christensen

bereavements

Our sympathy is extended to Mrs B.G. Cleyndert on the loss of her husband, MWO V. Kidd on the loss of his brother, Cpl W. Jackson, LCol J. Houde, MWO J. Bleakney on the loss of their mothers.

married

Cpl J. Bernier and Francine Bilodeau



A bit of trivia from the past which may be of interest to some of the older members of the "Dental Corps" is a copy of a photograph (circa 1916) of the Canadian Army Dental Corp (CADC) Clinic Headquarters, Camp Borden. (The inter-base bus can be seen leaving for Trenton in the foreground!) Ed. Note — ...following the same time schedule no doubt!