

Nursing Support Services (NSS) NSS School Based Service – Tube Feeding Referral Form

REFERRAL FROM A PHYSICIAN/PRIMARY HEALTH CARE PROVIDER IS REQUIRED

Nursing Support Services provides care in the school setting for children (0-19) who require assistance with specific tasks related to their care. Delegation of these tasks is determined by the registered nurse on an individual basis for children/youth whose care needs and response to treatment is stable and predictable and can be safely managed by NSS provincial standardized care plans.

needs and response to treatment is stable and predictable and can be safely managed by NSS provincial standardized care plans.					
ELIGIBILITY FOR SERVICES REQUIRES ALL OF THE FOLLOW	VING:				
 Child/youth is a resident of BC as defined by BC Medical Services Plan (MSP) Child/youth is enrolled with BC MSP Child/youth is under the age of 19 (up to the day of their 19th birthday) Child/youth has a parent/guardian that has overall responsibility of their child/youth's care and is fully competent and prepared to provide care in the absence of school staff Child/youth cannot independently and safely perform tasks related to their diagnosis Any child/youth eligible for nursing support services requires at minimum an annual assessment: (1) through NSS to confirm ongoing eligibility and to update a child/youth's medical documentation including nursing care plan and (2) by the most responsible physician/and or medical service(s) to ensure there are current (within preceding 12 months) medical orders supporting the care being provided in the home/community setting, and/or when changes in a child's medical care/needs occur. 					
Referral from a physician licensed to practice in British Columbi Nurses of British Columbia and who confirms the following:	ia or a nurse	practitioner registered by	the College of Registered		
☐ the child/youth can be safely cared for in the school setting ☐ the child/youth has a local physician to provide required medical care, consultation and written physician orders					
Is the parent/guardian aware of and has provided consent for the	his referral?	☐ Yes ☐ No			
If no, please obtain consent prior to submission of referral.					
Is an interpreter required? ☐ Yes ☐ No					
If yes, what language(s)?					
CHILD/YOUTH INFORMATION					
NAME OF CHILD	GENDER ☐ M ☐ F	PERSONAL HEALTH NUMBER	DATE OF BIRTH (YYYY/MM/DD)		
NAME OF PARENT(S)/GUARDIANS(S):		DAYTIME PHONE NUMBER	EVENING PHONE NUMBER		
HOME ADDRESS		CITY	POSTAL CODE		
NAME OF SCHOOL AND DISTRICT					
PHYSICIAN INFORMATION					
NAME OF REFERRING PHYSICIAN/NP BC MSC # or BCCNM Registration #					
ADDRESS		PHONE NUMBER	FAX NUMBER		
PHYSICIAN/NP SIGNATURE (required): DATE COMPLETED (YYYY/MM/DD):					
A complete Tube Feeding Order Form must be submitted with this referral form.					
Completed referral forms and accompanying documentation may be sent via fax to (604) 708-2127 or via					
email to nssreferrals@cw.bc.ca					

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Nursing Support Services (NSS) NSS School Based Service – Tube Feeding Order Form

Student Name:	Birth Date (YYYY/MM/DD):

Instructions for completing this form:

- This order form has eight sections (A-H). Section A, B, or H <u>must</u> be filled out. Sections C-G may be filled out if applicable to the student's care. All unused sections can be left blank.
- * The relevant section(s) of this order form must be completed by the student's most responsible practitioner (MRP). This may be a physician, nurse practitioner, or registered dietitian (RD). If the orders are written by an RD, a physician must also sign the order form and check the "Physician orders feeds as directed by RD" box.
- The orders on this form will be used by the NSS RN to develop a care plan that will describe and direct the restricted activities that the non-medical school staff will perform in the school setting.
 - In completing this order form, the MRP acknowledges an understanding that the care in the school setting will be provided by non-medical school staff who will follow the care plan.
- All ordered care must be routine (not PRN), essential (i.e., cannot be provided outside school hours), and have a predictable student response.
- Orders must be updated annually and/or when changes occur in child's medical care needs.

Click below to jump to the required section of this order form:

- Section A: To order a tube feed via feeding pump, click here.
- Section B: To order a tube feed via syringe, click here.
- Section C: To order water via pump or syringe, click here.
- Section D: To order specific positioning before/during/after tube feed, click here.
- Section E: To order regular gastric venting before/after tube feed, click here.
- Section F: To order complex formulas, click here.
- Section G: To order medications to be given via an enteral tube at school, click here.
- Section H: To order Home Blenderized Tube Feed (HBTF), click here.

Ordering MRP Information and Signature				
By providing orders, signing, and submitting this order form, I, the undersigned MRP agree that: (MRP please tick both and sign) the student's tube feed can be safety managed at school by a non-medical school staff following the orders provided. I have read and understand the information in this form.				
Physician Name:		BC College #:		
☐ Physician orders feeds as directed by RD	Name of RD:			
Nurse Practitioner Name:	BCCNM Registration #:			
MRP Address:		Phone Number	Fax Number	
MRP Signature (required): (see * above)	Date Completed (YYYY/MM/DD):			

Send completed order form to Nursing Support Services via fax at (604) 708-2127 or email at nssreferrals@cw.bc.ca

Note:

This order form is supported by the NSS Delegation of Tube Feeding in the School policy. It can be referenced at https://shop.healthcarebc.ca/phsa/BCWH_2/CW%20Campus%20Wide/C-0506-11-63018.pdf

Section A: Orders for tube feed via feeding pump (if ordering HBTF, fill in section H instead)

By providing orders for this section and signing and submitting this order form, the MRP confirms understanding of the following:

- A range in feed rate may be ordered (e.g. 150-200 mL/hr). Appropriate indications for a range rate are as follows:
 - parent is working on feeding advancement goals at home.
 - student's baseline involves a known and predictable level of intolerance that varies day-to-day (e.g., student has reflux).
- * If a range of rate order is provided (e.g., 150-200 mL/hr), parent will determine the rate and will inform school staff writing the rate in the student's communication book/agenda.

Bolus tube feed via pump
Route: G G port of GJ
Formula (or formula and water):
(If ordering a complex formula, click here to list ingredients in section F)
Total volume of formula per feed: mL
Total volume of water to be added to formula per feed: mL (leave blank or enter "0" if no water is to be added)
Total volume of formula (or water plus formula) per feed: mL
Tube feed rate: mL/hr (see * bullet above)
Tube feed time(s) at school:
* Due to varying school schedules, school staff may move the scheduled feed time(s) up to 60 minutes (either earlier or later)
than the ordered time(s). If this is not safe for the student, indicate the maximum minutes that school staff may shift feed times: minutes
In this is not sale for the student, indicate the maximum minutes that school stail may shift feed times minutes
Continuous tube feed via pump
Route: G G port of GJ J port of GJ J
Formula (or formula and water):
(If ordering a complex formula, <u>click here</u> to list ingredients in section F)
Total volume of tube feed formula: mL/per day (not just volume given at school)
Tube feed rate: mL/hr
Tube feed scheduled break time (if student is to have a break from continuous feeds while at school):
Weeken flowle as An along the Author was to and the size for de
Water flushes to clear the tube pre/post/during feeds Route: G G port of GJ J port of GJ J
BCCH standard flush volume for children is 3-5 mL for G tubes and 7-10 mL for J tubes and for adolescents is 5-10 mL for G tubes
and 10-15 mL for J tubes.
Flush volume (enter a number between 3-15 mL): mL to be given over 5-10 seconds. OR
If a flush volume different from the BCCH standard is required, for G tubes or the G port of GJ tubes ONLY, flush volume (max 50 mL) and flush rate is: mL to be given over seconds.
To order a water bolus (not as a flush) <u>click here</u> to enter orders in section C.
☑ Flush tube as per the BC Children's Hospital (BCCH) standard of before and after each bolus or continuous feed and Q4h during
continuous feeds.

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Section B: Orders for bolus tube feed via syringe (if ordering HBTF, fill in section H instead)

By providing orders for this section and signing and submitting this order form, the MRP confirms understanding of the following:

- * Syringe feeding is a less optimal choice (than pump) for the school setting, due to:
 - the variable rate and pressure in feed administration.
 - the school staff's need to be hands-on with syringe and extension tube and this may make it difficult to deal with unexpected problems such as reflux/vomiting.
 - the need for multiple syringes to deliver the total volume of feed to be administered.

Bolus tube feed via syringe				
☐ MRP confirms that the student's tube feed is well established, and student is stable and tolerating syringe feeding consistently				
(i.e., typically no vomiting, reflux, or discomfort).				
Route: G G port of GJ				
Formula (or formula and water):				
(If ordering a complex formula, click here to list ingredients in section F)				
Total volume of formula per feed: mL (max 500 mL per feed)				
Total volume of water to be added to formula per feed: mL (leave blank or enter "0" if no water is to be added)				
Total volume of formula (or water plus formula) per feed: mL (max 500 mL per feed)				
Tube feed rate: mL over minutes (max total feed time is 20 minutes)				
Tube feed time(s) at school:				
* Due to varying school schedules, school staff may move the scheduled feed time(s) up to 60 minutes (either earlier or later)				
than the ordered time(s).				
☐ If this is not safe for the student, indicate the maximum minutes that school staff may shift feed times: minutes				
Water flushes to clear the tube pre/post/during feeds.				
Route: G G port of GJ				
BCCH standard flush volume is 3-5 mL for children and 5-10 mL for adolescents.				
Flush volume (enter a number between 3-10 mL): mL to be given over 5-10 seconds. <u>OR</u>				
If a flush volume different from the BCCH standard is required, flush volume (max 50 mL) and flush rate is: mL to				
be given over seconds.				
To order a water bolus (not as a flush) <u>click here</u> to enter orders in section C.				
☐ Flush tube as per the BC Children's Hospital (BCCH) standard of before and after each bolus feed.				

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Section C: Orders for water bolus via a pump or syringe

If water is to be added to tube feed rather than given as a separate bolus, click here for go to Section A or Section B.

Water bolus via pump
Route: G G port of GJ
Total volume of water: mL
Rate: mL/hr
Water bolus time(s) at school:
Due to varying school schedules, school staff may move the scheduled water bolus time(s) up to 60 minutes (either earlier or later) than the ordered time(s).
☐ If this is not safe for the student, indicate the maximum minutes that school staff may shift water bolus times: minutes
Water halve via souings
 Water bolus via syringe By providing orders for this section and signing and submitting this order form, the MRP confirms understanding of the following: Syringe feeding is a less optimal choice (than pump) for the school setting, due to:
Route: G G port of GJ
Total volume of water per bolus: mL (max volume is 500 mL)
Rate: mL over minutes (max total time for the bolus is 20 minutes)
Time(s) at school:
Due to varying school schedules, school staff may move the scheduled water bolus time(s) up to 60 minutes (either earlier or
later) than the ordered time(s).
☐ If this is not safe for the student, indicate the maximum minutes that school staff may shift water bolus times: minutes
Water flushes to clear the tube pre/post/during feeds.
Route: G G port of GJ
BCCH standard flush volume is 3-5 mL for children and 5-10 mL for adolescents.
Flush volume (enter a number between 3-10 mL): mL to be given over 5-10 seconds.
oxtimes Flush tube as per the BC Children's Hospital (BCCH) standard of before and after each bolus feed.

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Section D: Orders for specific positioning during and after tube feed

The standard is that the student's upper body will be elevated to at least 30 degrees during tube feed. If the student requires a
different position during the feed or a specific position after the feed, please specify below.

☐ Position student	_ during feed.	
☐ Position student	_ for at least	_ minutes post feed.

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Section E: Orders for regular gastric venting before/after tube feed

By providing orders for this section and signing and submitting this order form, the MRP confirms understanding of the following:

- Venting may only be done on a G tube or the G port of a GJ.
- * Venting must occur regularly (i.e., before and/or after) each feed (or at a scheduled time) and cannot be PRN.
- * If stomach contents accumulate in the syringe used for venting and do not flow back into the stomach via gravity, school staff will never refeed them. School staff will measure the amount and then discard or save the contents.

	minutes before feed, vent	G	G port of GJ for minutes
	minutes after feed, vent	G	G port of GJ for minutes
· ·	_		
☐ For co	ontinuous J tube feeds only, v	ent	G G port of GJ for minutes at (enter time/times)
☐ For co	ontinuous J tube feeds only, v	ent G	port of GJ continuously

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Section F: Orders for complex formulas
\Box MRP confirms that the student's parent are capable, ready and safe to prepare complex formulas for administration in the school setting.
Complex formulas require a mixture of non-table-ready foods (e.g., nutritional products, protein powder, formula powder, carbohydrate, or fat module). If a student requires a complex formula, all nutritional products will need to be ordered below. The parent will be responsible for preparing and labelling the formula with all the products in the tube feed (including water) so that it is ready-to-serve at school.
Any substance classified Health Canada as a drug ¹ (including electrolytes) or as a Natural Health Product Substance ² (except nutritional products as specific above) cannot be added to a tube feed and must be ordered as a medication (click here to link to the medication order page).
Name of the nutrition product(s) added

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 $^{^{1}\,\}underline{\text{https://publications.gc.ca/collections/Collection/H30-12-11-2000E.pdf}}\\^{2}\,\underline{\text{https://laws-lois.justice.gc.ca/eng/regulations/sor-2003-196/page-9.html}}$

Section G: Orders for G/GJ/J medication administration

By providing orders for this section and signing and submitting this order form, the MRP confirms understanding of the following:

- * This is only for medications that must be provided during school hours and cannot be scheduled outside of school hours. (i.e., there is medical rationale as to why the medication must be given during school hours).
- * The student must also have an order for a tube feed or a water bolus to be given while at school. NSS does not delegate medication administration only.
- * Electrolytes such as potassium chloride and sodium chloride are considered high-risk medications and require careful consideration. Given the potential risks, it is important to consider whether these medications must be administered during school hours or if they can be given outside the school setting. If administration during school hours is necessary, each case will be reviewed individually to determine whether safe administration can be supported in the school environment.

Condition(s) requiring m	edication:			
Medication	Dosage	Time(s)	Route	Specific directions for use
			G G port of GJ J port of GJ	
			G G port of GJ J port of GJ	
			G G port of GJ J port of GJ	
			G G port of GJ J J port of GJ	
			G G port of GJ J J port of GJ	
			G G port of GJ J J port of GJ	
Additional comments (e.	g. side effects):			
Water flushes to clear t Route: G G port BCCH standard flush vo and 10 -15 mL for J tube	of GJ J port lume for children	t of GJ J		r adolescents is 5-10 mL for G tubes
☐ Flush volume (e	nter a number b	etween 3-15 mL):	mL to be given over 5-10 sec	onds. <u>OR</u>
		the BCCH standard is _ mL to be given ove		ort of GJ tubes ONLY, flush volume
	volume (max 50		required after a specific medicat _ mL to be given over sec	tion, for G tubes or the G port of GJ onds, after the following
⊠ Flush tube as per the	BC Children's Ho	ospital (BCCH) standa	ard of before and after each med	ication.

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Section H: Orders for Home Blenderized Tube Feed (HBTF) via pump or syringe at school

Requests for delegation of HBTF will be evaluated and approved on a case-by-case basis in consultation with the dietitian and will include a team-based discussion and assessment of family readiness and capacity to support.

By providing orders for this section and signing and submitting this order form, the MRP confirms understanding of the following:

- The student must be medically stable (i.e., typically no vomiting, reflux, or discomfort).
- The student's HBTF must be well established at home.
- The student's parent must be capable, ready, and safe to support HBTF in the school setting including compliance with the Outpatient Initiation of Home Blenderized Tube Feeds: Guidelines.³
- The student must have a >12-French size feeding tube; 14 French preferred due to internal lumen. diameter as per Outpatient Initiation of Home Blenderized Tube Feeds: Guidelines.³
- A commercially prepared backup formula may be ordered for the student. This would be provided if the HBTF was not available or was not useable.
- No medications can be mixed into a HBTF. If a medication must be scheduled during school hours (i.e. it is not safe to be rescheduled outside of school hours), click here to order on section G.
- A range in feed rate may be ordered if the student has pre-established meals that have a need for some variability in total volumes (and therefore rates) of feed administration. parent will determine the rate and will inform school staff writing the rate in the student's communication book/agenda.
- For all HBTF diets the parent must provide the NSS RN with the list of each of the meals that will be given at school. Each meal must include a list of ingredients.
- The HBTF must be prepared in such a way that the school staff can administer it easily. School staff cannot dilute HBTF to facilitate administration.

If ordering HTBF via syringe and signing and submitting this order form, the MRP confirms understanding of the following:

- Syringe feeding is a less optimal choice (than pump) for the school setting, due to:
 - o the variable rate and pressure in feed administration.
 - the school staff's need to be hands-on with syringe and extension tube and this may make it difficult to deal with unexpected problems such as reflux/vomiting.
 - the need for multiple syringes to deliver the total volume of feed to be administered.
- To support delegation of syringe feeding in the school setting, all the following parameters <u>must</u> be met:
 - Tube feed must be well established, and student must be stable and tolerating syringe feeding consistently; (i.e., typically no vomiting, reflux, or discomfort) and this is verified by the MRP on the order form.
 - o Total volume of feed must be 500 mL or less and delivered in 20 minutes or less.
 - o Student receives HBTF through G tube or the G port of a GJ tube only (never a J tube or the J port of a GJ tube).
 - Orders need to include the rate the formula is delivered. (For example, 50 mL over 1 minute.)
- Syringe bolus HBTF must ONLY be administered through G tube or the G port of a GJ tube (never a J tube or the J port of a GJ tube).

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³ https://shop.healthcarebc.ca/phsa/BCWH_2/Pharmacy,%20Therapeutics%20and%20Nutrition/C-0506-07-61051.pdf



Nursing Support Services (NSS) NSS School Based Service – Tube Feeding Order Form

Bolus HBTF via <u>pump</u> :
☐ MRP confirms that the student's parents are capable, ready and safe to prepare HBTF for administration in the school setting
including compliance with the <u>Outpatient Initiation of Home Blenderized Tube Feeds: Guidelines</u> . ³
Route: G G port of GJ
Feeding tube size: Fr (tube must be <a>12-French , 14 French preferred due to internal lumen diameter)
Total volume per HBTF: mL
HBTF Rate: mL/hr
HBTF time(s) at school:
* Due to varying school schedules, school staff may move the scheduled feed time(s) up to 60 minutes (either earlier or later)
than the ordered time(s).
\Box If this is not safe for the student, indicate the maximum minutes that school staff may shift feed times: minutes
Commercially prepared backup formula for student:
(this would be provided to the student if the HBTF was not available at school or was not useable and would be run with the same
rate and volume and at the same time(s) as the HBTF orders).
Dalva UDTE via muinea.
Bolus HBTF via syringe: MRP confirms that the student's tube feed is well established, and student is stable and tolerating syringe feeding consistently
(i.e., typically no vomiting, reflux, or discomfort).
☐ MRP confirms that the student's parent are capable, ready, and safe to support HBTF in the school setting including
compliance with the <u>Outpatient Initiation of Home Blenderized Tube Feeds: Guidelines</u> . ³
Route: G G port of GJ
Feeding tube size: Fr (tube must be ≥12-French, 14 French preferred due to internal lumen diameter)
Total volume of per HBTF: mL (max volume is 500 mL per feed)
Rate: mL over minutes (max total feed time is 20 minutes)
HBTF time(s) at school:
Due to varying school schedules, school staff may move the scheduled feed time(s) up to 60 minutes (either earlier or later) than
the ordered time(s).
\Box If this is not safe for the student, indicate the maximum minutes that school staff may shift feed times: minutes
Commercially prepared backup formula for student:
(this would be provided to the student if the HBTF was not available at school or was not useable and would be run with the same
rate and volume and at the same time(s) as the HBTF orders).
Michael floods and a class the Autonomy for a Michael Control
Water flushes to clear the tube pre/post/during HBTF. Route: G G port of GJ
BCCH standard flush volume is 3-5 mL for children and 5-10 mL for adolescents.
Flush volume (enter a number between 3-10 mL): mL to be given over 5-10 seconds. OR
If a flush volume different from the BCCH standard is required, flush volume (max 50 mL) and flush rate is: mL to
be given over seconds.
To order a water bolus (not as a flush) click here to order in section C.

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oximes Flush tube as per the BC Children's Hospital (BCCH) standard of before and after each bolus feed.