



Critical Care & Neoplasia Support is designed to help maintain health for dogs with cancer whether or not they are undergoing chemotherapy by addressing the following key nutritional factors:

- Made 100% with ingredients certified, inspected and approved by the USDA for human consumption
- Moderate protein to meet energy requirements
- High level of fat to address nutrient density and palatability
- Tightly controlled simple carbohydrates to avoid feeding tumor cells
- Limited antioxidants to avoid interference with chemotherapy drugs

“A patient’s ability to tolerate cancer therapy can be impacted by their nutritional status, so maintaining adequate calorie and nutrient intake is essential in the cancer patient. The moderate protein levels in Critical Care & Neoplasia Support help prevent muscle breakdown and support tissue repair and immune system function, and the increased levels of healthy fats contribute to caloric intake as well as palatability. JustFoodForDogs offers several excellent dietary options for my cancer patients as well as a convenient way for busy people to feed a highly palatable whole food diet.”

— Dr. Sara Fiocchi, DVM, DACVIM - Oncology

TYPICAL ANALYSIS: Critical Care & Neoplasia Support

Nutrient	/kg As Fed	/kg Dry Matter	/1000 kcals
Protein	158 g	395 g	71 g
Total lipid (fat)	142 g	354 g	63 g
Carbohydrates (NFE)	85 g	211 g	38 g
Fiber, total dietary	12 g	31 g	6 g
Sugar	1 g	3 g	0.5 g
Calcium, Ca	3132 mg	7809 mg	1.39 g
Iron, Fe	40 mg	99 mg	18 mg
Magnesium, Mg	404 mg	1006 mg	0.18 g
Phosphorus, P	2340 mg	5834 mg	1.04 g
Potassium, K	3249 mg	8099 mg	1.45 g
Sodium, Na	790 mg	1970 mg	0.35 g
Zinc, Zn	43 mg	107 mg	19 mg
Copper, Cu	6.62 mg	16.51 mg	2.95 mg
Manganese, Mn	4.23 mg	10.54 mg	1.88 mg
Selenium, Se	320 $\text{\AA}\mu\text{g}$	799 $\text{\AA}\mu\text{g}$	0.14 $\text{\AA}\mu\text{g}$
Iodine, I	0.72 mg	1.81 mg	0.32 mg
Vitamin B1	1.55 mg	3.86 mg	0.69 mg
Vitamin B2	6.24 mg	15.56 mg	2.78 mg
Vitamin B3	63.28 mg	157.75 mg	28.17 mg
Vitamin B5	17.85 mg	44.49 mg	7.95 mg
Vitamin B6	4.03 mg	10.04 mg	1.79 mg
Folate	814 $\text{\AA}\mu\text{g}$	2030 $\text{\AA}\mu\text{g}$	362 $\text{\AA}\mu\text{g}$
Choline	1825 mg	4549 mg	812.43 mg
Vitamin B12	63 $\text{\AA}\mu\text{g}$	157 $\text{\AA}\mu\text{g}$	28 $\text{\AA}\mu\text{g}$
Vitamin A	24946 IU	62187 IU	11106 IU
Vitamin E	216 mg	540 mg	145 IU
Vitamin D	561 IU	1149 IU	205 IU
EPA	1.13 g	2.81 g	0.50 g
DHA	.82 g	2.04 g	0.36 g
Linoleic Acid	11.47 g	28.60 g	5.11 g
Arachidonic Acid	1.11 g	2.76 g	0.49 g
Linolenic Acid	6.55 g	16.34 g	2.92 g
Tryptophan	2.72 g	6.78 g	1.21 g
Threonine	6.26 g	15.62 g	2.79 g
Isoleucine	6.26 g	15.62 g	2.79 g
Leucine	11.52 g	28.71 g	5.13 g
Lysine	11.19 g	27.91 g	4.98 g
Methionine - Cystine	4.29 g	10.05 g	1.91 g
Phenylalanine - Tyrosine	10.82 g	26.99 g	4.82 g
Valine	6.91 g	17.23 g	3.08 g
Arginine	9.77 g	24.35 g	4.35 g
Histidine	4.33 g	10.79 g	1.93 g
Taurine	0.39 g	0.98 g	0.17 g

Critical Care & Neoplasia Support Vet Directed Diet 14 oz, 72 oz Fresh Frozen



DIET OVERVIEW

100% of the ingredients in our Critical Care & Neoplasia Support recipe are approved for human consumption. This recipe is formulated to be exceedingly palatable for the most critical cases and is our most densely caloric recipe; it is restricted in simple carbohydrates and contains increased calories from protein, fat and increased omega 3 fatty acids. This nutrient rich diet is intended to manage **anorexia** and **cancer cachexia** and is formulated to meet the following key nutritional factors:^{1, 2, 3, 4}

- Increased Highly Digestible, High Quality Protein
- Low Omega 6 to Omega 3 Ratio
- Balanced For Long-Term Feeding Under Veterinary Supervision
- Increased Highly Digestible, High Quality Fat
- High Caloric Density for Weight Gain or Maintenance

¹ Ogilvie GK, Fetman MJ, Mallinckrodt CH, et al., Effect of fish oil, arginine, and doxorubicin chemotherapy on remission and survival time for dogs with lymphoma, *Cancer*, 2000; 88: 1916-1928.

² Davenport DJ, Roudebush P, The use of nutraceuticals in cancer therapy, *Proceeding of the North American Veterinary Conference*, 2006; 20:777-780.

³ (Barber et al 2001; Fearon et al. 2001), (Beck et al. 1991), (Gogos et al. 1998). (Simone et al. 2007). (Joffe and Schlesinger 2002)

⁴ (LeBlanc, Horohov et al. 2008: Inflammatory response)

DIET INDICATIONS

- Critical anorexic cases and low appetite dogs requiring a moderate to high caloric level
- Management of neoplastic disease with or without concurrent chemotherapy

CONTRAINDICATIONS

- Sensitivity to any of the ingredients
- Growing puppies
- History of pancreatitis/hyperlipidemia

INGREDIENTS

- **USDA Certified Ground Beef** is considered a high quality source of protein and is also rich in iron and zinc, as well as vitamins B12 and B6.
 - **USDA Certified Chicken Thigh** is an excellent source of protein, vitamin B-6, panthothenic acid, phosphorus, zinc, selenium and niacin, and delivers more vitamin B, iron and antioxidants than its white meat counterparts.
 - **USDA Certified Beef Liver** is a nutrient dense food. Ounce for ounce, it contains the most concentrated volume of protein and vitamin A. It's a rich source of heme-iron, the most absorbable form of iron, and is high in bioavailable copper, folate, riboflavin, niacin, phosphorus and zinc.
 - **Long Grain Brown Rice** is loaded with B vitamins and minerals, such as magnesium and zinc, and is an excellent source of complex carbohydrates.
 - **USDA Certified Chicken Liver** contains a concentrated volume of protein and vitamin A. It's rich in heme-iron, a highly bioavailable form of iron, and is also high in bioavailable copper, folate, riboflavin and niacin.
 - **Olive Oil and Flaxseed** are a source of essential fatty acids including linoleic and linolenic acids, important for healthy maintenance of coat quality/sheen.¹
- ¹National Research Council Ad Hoc Committee on Dog and Cat Nutrition, 2006
- **Icelandic Premium Fish Oil** is sourced direct from the world's cleanest, purest and greenest sources. This exclusive supplement is pure, potent, natural and detoxified, and provides Omega 3 fatty acids in highly biologically available forms of EPA and DHA.
 - **JustFoodForDogs Nutrient Blend** is formulated specifically to meet NRC standards. The blend is compounded from 100% human grade nutraceuticals regulated by the FDA.

NUTRITIONAL SUITABILITY STATEMENT

This diet has been formulated for the nutritional management of neoplastic disease. For use under direction of a veterinarian.

Caloric Information Compare to: Hills® a/d			Guaranteed Analysis As Fed	Dry Matter
Kcal/kg: 2246	Kcal/oz: 64	g/1000Kcal: 445	Protein 15%	39.5%
Metabolizable Energy % from:	JFFD Critical Care	2018 Hills a/d	Fat 14%	37%
Protein	30%	33%	Carb (NFE) 5.5%	14.5%
Fat	61%	55%	Fiber 1.5%	4%
Carbohydrates	9%	12%	Ash 2%	5%
Calcium-Phosphorus ratio:			1.3:1	
Omega 6: Omega 3 ratio:			1.5:1	
Nutritional information averages primarily from independent lab analysis, supplemented with information originating from the USDA SR28 database.				

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RECOMMENDED DAILY FEEDING GUIDE (feeding amount per day)

For best results it is recommended that pet owners weigh the food in ounces using a digital scale. If they do not have a scale, they may estimate volume in cups per the chart below. The chart is only a guide; always adjust feeding recommendations based on careful monitoring of the weight of the patient.

Wt (lbs)	Oz (wt)	Cups (est)	Wt (lbs)	Oz (wt)	Cups (est)
5 - 10	2 - 4	0.25 – 0.5	75 - 80	17 - 18	2.75 – 3.0
15 - 20	5 - 6	0.75 – 1.0	85 - 90	19	3.0 – 3.25
25 - 30	7 - 9	1.25 – 1.5	95 - 100	20 - 21	3.5
35 - 40	10 - 11	1.5 – 1.75	110 - 115	23	3.75 – 4.0
45 - 50	12 - 13	2.0	120 - 125	24 - 25	4.0 – 4.25
55 - 60	13 - 14	2.25 – 2.5	130 - 135	26	4.25 – 4.5
65 - 70	15 - 16	2.5 – 2.75	140 - 145	45 - 46	5.75