

	Named Entity	Tag	Description	Examples
1	Cancer Type	CANC_T	<p>This category designates the kind of cancer that is discussed in the narrative. There are over 200 distinct kinds, depending on where they originate in the body.</p> <p>Common cancer types include:</p> <ol style="list-style-type: none"> Breast Cancer, Lung Cancer, Skin Cancer (Melanoma), Pancreatic Cancer, Lymphoma, etc. 	<p>Examples in the text:</p> <ul style="list-style-type: none"> malignant melanoma, nodular melanoma Lentigo maligna melanoma, Desmoplastic melanoma, advanced melanoma liver cancer that appeared after melanoma super rare type of sinus cancer lost her battle last week to pancreatic cancer I survived a stage three adrenal cortical carcinoma, a melanoma and the newest one (got the diagnosis today) is a squamous cell carcinoma
2	Staging and grading	STG	<p>Staging refers to the extent to which the cancer has grown or spread throughout the body.</p> <p>Stage groups for melanoma include:</p> <ul style="list-style-type: none"> Stage 0 Stage 1 is divided into two subcategories, A or B (1a, 1a, 1a, 1b, 1b, and the like) Stage 2 is divided into three subcategories, A, B, or C (2a, 2a, 2b, 2c, and the like) Stage 3 is divided into four subcategories, A, B, C, or D (3a, 3a, 3b, 3c, 3d, and the like) Stage 4 is further categorised into four subcategories: M1a, M1b, M1c, or M1d Grade X, I, 2, 3, 4 (grade 1, gr2, grX, and the like) Recurrent cancer means that it has reappeared after treatment. <p>Grading indicates how abnormal the cancer cells and tissues appear under a microscope as compared to normal cells and tissues.</p>	<p>Examples in text:</p> <ul style="list-style-type: none"> Stage 1, 1a, 1a, 1a, 1b, 1b, and the like Stage 2a, 2a, 2b, 2c, and the like Stage 3, 3a, 3b, 3c, 3d, and the like) Stage 4, stage 4 M1a, stage M1b, stage IV m1c, iv m1d, and the like grade 1, gr2, grade X, gr X, and the like recurrent
3	Treatment	TRT	<p>This category covers broad categories of different types of treatments, commonly referred to as therapies. The most prominent therapies for melanoma are:</p> <ul style="list-style-type: none"> Surgery Radiation therapy Immunotherapy Targeted therapy Chemotherapy 	<p>Examples in text:</p> <ul style="list-style-type: none"> immuno, chemo, radiation, gamma knife surgery, wide excision, lymph node dissection The next surgery was the head surgery, I was completly out The next months would be endurig physical therapy and speech therapy This was biopsied and diagnosed as stage I melanoma, and was removed via wide local excision.
4	Result	RES	<p>This identifier indicates the benefits of a treatment or medication. This includes:</p> <ul style="list-style-type: none"> shrinking of the tumor slow rate of growth remission, meaning the signs and symptoms of cancer have reduced 	<ul style="list-style-type: none"> clear margins after surgery shrunk, shrunken, gone stopped spreading no further growth clear scans and tests reduced number of tumors
5	Investigation	INV	<p>This identifier refers to tests or investigations that are frequently used to help diagnose cancer. The following lab tests can be performed to help diagnose cancer:</p> <ul style="list-style-type: none"> Blood chemistry tests Complete blood count (CBC) Cytogenetic analysis. Immunophenotyping Liquid Biopsy Sputum cytology Tumour marker tests Urinalysis Urine cytology. <p>Imaging tests used for cancer:</p> <ul style="list-style-type: none"> CT scan MRI PET scan Nuclear scan Bone scan Ultrasound X-rays <p>Biopsy investigations include:</p> <ul style="list-style-type: none"> endoscopy (colonoscopy, bronchoscopy) sedative or anesthesia (local, regional, general) 	<ul style="list-style-type: none"> 6 tumours were unnoticeable in the ct scan I did a clinical trial, and have been NED since a tumor the size of a large egg was pushing on my right frontal lobe and it was bleeding Last year I had a tumour in my groin and it spread to my lungs liver and brain. This was biopsied and diagnosed as stage I melanoma, and was removed via wide local excision. The tumor and lesions are either gone or very close to gone New lump found on back in Dec so they set a follow-up PET scan after I finished the steroids CT scan of his hips and found a few legions on his hips and spine I had a sentinel lymph node biopsy which confirmed a diagnosis of at least stage II/III melanoma, and a subsequent PET scan/liver needle biopsy/brain MRI confirmed a stage IV diagnosis
6	Medication	MED	<p>This identifier is used to mark the drugs/medications prescribed to the patient, in relation to cancer or any other illnesses previously diagnosed. Specifically for melanoma the medications include: BRAF inhibitors Dabrafenib (Tafinlar), Encorafenib (Braftovi), and Vemurafenib (Zelboraf)</p>	<p>Examples in the text:</p> <ul style="list-style-type: none"> fentanyl patch, keytruda, braf / mektovi pills pain relieve medication has been Tylenol my monthly infusions of Zometa (calcium) after 3 infusions of Opdivo (nivolumab) and 2 infusions with Opdivo and Yervoy (ipilimumab)

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			<p>MEK inhibitors Trametinib (Mekinist), cobimetinib (Cotellic), and binimetinib (Mektovi) Cobimetinib</p> <p>KIT inhibitors asatinib (Sprycel), imatinib (Gleevec), and nilotinib (Tasigna).</p>	<ul style="list-style-type: none"> immunotherapy bc of prednizone prescribed
7	Symptom	SYM	<p>Symptoms are physical changes you can feel in your body. People with cancer may exhibit one or more of the symptoms or indications listed below:</p> <ul style="list-style-type: none"> mole or skin lesion Unusual lump or swelling anywhere Very heavy night sweats or fever Fatigue Unexplained pain or ache Unexplained weight loss Unexplained bleeding or bruising 	<p>Examples in the narratives:</p> <ul style="list-style-type: none"> mole tiny bump, large mass, large bump pain (back pain), headaches, migrane trouble moving (arms, legs, etc.) coughing up blood knots loss of appetite numbness
8	Tumor size and shape	SIZE	<p>This identifier is used to mark the shape and size of the tumors. This could be using metric lengths like millimeters and centimeters, or using adjectives like tiny, small, big, huge, large, or using objects to indicate the size like pea, softball, etc.</p>	<ul style="list-style-type: none"> 3mm 5 mm, 1 - 3 cm, etc. larger than a softball abnormal size large mass, large bump pea sized a tumor the size of a large egg was pushing on my right frontal lobe and it was bleeding
9	Number	NUM	<p>This identifier is used to quantify a certain aspect, such as the number of treatments, tumours, or therapy sessions.</p>	<ul style="list-style-type: none"> 10 rounds of pelvic radiation 2 small new mets/tumors 18 sessions 6 tumours were unnoticeable in the ct scan after 3 infusions of Opdivo (nivolumab) and 2 infusions with Opdivo and Yervoy (ipilimumab)
10	Duration	DUR	<p>This identifier is used to mark the length of time for the following:</p> <ul style="list-style-type: none"> time for a certain treatment period hospital stay time following the onset of symptoms time for a surgical procedure gap intervals between examinations or sessions 	<p>Examples from the narratives:</p> <ul style="list-style-type: none"> surgery took five hours on Friday spent 4 days in hospital I had this mole for at least 5 years 18 months of treatment 3 month follow up scan been in the hospital 500+ days these past two years
11	Part of the Body	POB	<p>Melanoma can develop anywhere on the body, including the head and neck, the skin under the fingernails, the genitals, and even the soles of the feet or palms of the hands.</p> <p>This identifier is used to label certain body parts. This could include the body part where:</p> <ul style="list-style-type: none"> a symptom was detected, where the condition persists, the site of a treatment or surgery, or the location of the tumour and its spread. 	<p>Examples in the narratives:</p> <ul style="list-style-type: none"> tumors in my lymph nodes and liver mets in my c-spine, l-spine, hip, liver, foot, and lungs nodular melanoma that has matastasized to the liver the bump turned black (on his leg) a tumor the size of a large egg was pushing on my right frontal lobe and it was bleeding
12	Adverse Effects	ADV_EFF	<p>Every cancer treatment can have adverse effects or alter the body and mood. Even when given the same treatment for the same type of cancer, people do not have the same side effects.</p> <p>These primarily include:</p> <ul style="list-style-type: none"> side effects of medications side effects of surgery side effects of radiation, and the like 	<ul style="list-style-type: none"> hair loss, memory loss bleeding blood clots seizures swollen arms, legs, and ankles any disease like colitis, ileitis, esophagitis, acute arthritis, vitiligo, Addison's disease, bilateral conjunctival chemosis, autoimmune hepatitis vomiting weight loss eye inflammation anaphylactic shock skin irritation, skin infections, and fatigue
13	Etiology	EGY	<p>Etiology is the study of the genesis or cause of a disease. There are several genetic and environmental variables that contribute to cancer.</p> <p>This includes genomic changes such as, EGFR mutations, ALK rearrangements, ROS1 rearrangements, MET and RET in lung cancer, CDK4, MITE, PTEN, and BRAF mutations in melanoma.</p>	<p>Examples in the text:</p> <ul style="list-style-type: none"> I'm starting a clinical trial for my NRAS mutation my cancer tested positive for the BRAF mutation BRAF V600E or V600K mutation. but it was just as the Omicron surge was hitting and going to an emergency
14	Diagnosis of other diseases	DIAG	<p>This category is used to mark diseases other than cancers. This includes:</p> <ul style="list-style-type: none"> Chronic illnesses other than cancer like asthma, arthritis, chronic obstructive pulmonary disease (COPD), chronic kidney disease, Heart disease, diabetes, etc. Allergies Coronavirus 	<p>Examples in the text:</p> <ul style="list-style-type: none"> kidney failure Went to the Ortho wall in clinic, was told it was tendonitis and keep going to therapy I have svc syndrome, by the time they tried to stent it But before that, I got fibromyalgia

			<ul style="list-style-type: none"> Parkinson's disease, etc. 	
15	Emotion	EMO	<p>A cancer diagnosis can have an emotional and social impact on patients or carers. Managing stress or addressing a range of emotions, such as grief, worry, frustration, fear, happiness, hopefulness, gratefulness, or rage, may fall under this category. This identifier helps to pinpoint the feeling that the patient or carer has made clear in the post.</p>	<ul style="list-style-type: none"> scary, scared, fear worried, feeling down, numb, guilty sad, sadness, angry hope, hopeful, grateful, relieved freaking, freaking out confident Feeling immensely relieved and phenomenally grateful for the treatment
16	Mental Health Diagnosis	MHD	<p>Stressful situations can lead to a major mental health condition in patients and caretakers, in addition to a wide range of emotions. The psychological effects of a cancer diagnosis can be profound. It is intended to draw attention to the patient's or caregiver's mental health status.</p> <p>This mainly includes depression, anxiety, PTSD, etc., for which patients or carers seek professional assistance or even medications.</p>	<ul style="list-style-type: none"> emotional breakdown, emotionally numb panic attacks shaky anxiety attacks clinical depression depressive state depression suicidal thoughts, thoughts of hurting oneself post-traumatic stress disorder (PTSD)
17	Metaphor	MET	<p>This identifier is used to mark the metaphorical terms used specifically to describe the cancer or cancer experience in the text.</p>	<p>Examples in the text:</p> <ul style="list-style-type: none"> aggressive cancer obnoxious melanoma My original cancer was a freaky lost her battle last week to pancreatic cancer I know Melanoma has a tendency to be stubborn and likes to reoccur and if that happens, well, I'll kick its butt again and again if I have to
18	Metaphorical expressions	EXP	<p>An expanded category called "metaphorical expressions" is used to identify words or statements that patients or caregivers use to describe their experiences.</p> <p>This tag can also be used to indicate metaphorical statements (sentences) made to other cancer survivors or about any other element of life.</p>	<p>Examples in the text:</p> <ul style="list-style-type: none"> Remember that all cancer is bad, there is no "good" cancer. Thanks, everyone, for your responses! Now let's share that energy with all our fellow travelers here! Just because a patient doesn't go through harsh treatment doesn't mean they have a "better" disease I know Melanoma has a tendency to be stubborn and likes to reoccur and if that happens, well, I'll kick its butt again and again if I have to.
19	People (Cancer care team)	PPL	<p>In cancer care, different types of health care professionals often work together to create a patient's overall treatment plan that combines different types of treatments. This is called a multidisciplinary team. Cancer care teams include other important health care professionals, including doctors, physician assistants, nurse practitioners, oncology nurses, social workers, pharmacists, counsellors, dietitians, physical therapists, occupational therapists, and others.</p> <p>People with melanoma may work with doctors in different specialties. These include:</p> <ul style="list-style-type: none"> Dermatologist, Medical oncologist, Radiation oncologist, Surgical oncologist Pathologist Dermatopathologist Radiologist 	<p>Examples in the text:</p> <ul style="list-style-type: none"> Waiting for the full report from the radiologists, but my oncologists are confident there is nothing but good news here Thursday I did several scans and had physical checks by plastic surgeons. we're very thankful for the countless researchers, oncologists, nurses, friends, and family that have been supportive over the last two years Will know more when I see the neurologist next Wednesday I once again went to my second opinion a specialist and they stated that immuno can work for both cancers I finally went to see my PCP about some depression issues and I'm just really glad I did
20	Organization	ORG	<p>This category is used to identify hospitals, specific hospital wards or units (emergency, oncology, etc.), nursing homes, pharmaceutical brands or firms, healthcare institutions or agencies, and so on.</p>	<ul style="list-style-type: none"> local cancer center hospice, hospice care oncology ward emergency units: A&E, ED, ER, and EW support groups ICU, neuro ICU Beth Israel Deaconess Medical Center Obama care, and the like.
21	Geopolitical entity	GPE	<p>Entities having a governing body, such as nations and cities, are considered geopolitical. "United Kingdom," "Canada," "London, etc.</p>	<p>UK, U.K, U.K., USA, etc.</p>
22	Age	AGE	<p>Indicates the age of the patient in the narrative. It should be explicitly mentioned and not confused with the caretakers' age.</p>	<ul style="list-style-type: none"> 45 years old, 45-years-old: please tag the entire expression as AGE I am 33: please tag 33 as AGE. in my 30's: please tag 30's as AGE. in my 20s: please tag 20s as AGE.
23	Gender	GENDER	<p>Indicates the gender of the patient in the narrative. It should be explicitly mentioned as male or female and not confused with the caretakers' gender.</p>	<ul style="list-style-type: none"> 45 years old male: please tag male with the GENDER tag.
24	Age/Gender	A/G	<p>Some posts contain age and gender information in the format</p>	<p>33M, (32F), 26/M, 28/F, 33f, 44m, 66-F, and the like.</p>

			Age/Gender, AgeGender, or Age-Gender. These should be tagged using the A/G identifier.	
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