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Skin cancer is the most common type of cancer. The main types of skin cancer are squamous cell carcinoma, basal cell carcinoma, and melanoma is much less common than the other types but much more likely to invade nearby tissue and spread to other parts of the body. Most deaths from skin cancer are caused by melanoma. Explore the links on this page to learn more about skin cancer prevention, screening, treatment, statistics, research, clinical trials, and more. If you would like to reproduce some or all of this content, see Reuse of NCI Information for guidance about copyright and permissions. In the case of permitted digital reproduction, please credit the National Cancer Institute as the source and link to the original NCI product using the original product's title; e.g., "Skin Cancer Treatment (PDQ®)—Health Professional Version was originally published by the National Cancer Institute." If you would like to reproduce some or all of this content, see Reuse of NCI Information for guidance about copyright and permissions. In the case of permitted digital reproduction, please credit the National Cancer Institute." If you would like to reproduce some or all of this content, see Reuse of NCI Information for guidance about copyright and permissions. In the case of permitted digital reproduct using the original product's title; e.g., "Skin Cancer Screening (PDQ®)—Patient Version was originally published by the National Cancer Institute." Go to Health Professional VersionSkin cancer is a disease in which malignant (cancer start in the skin. Skin color and being exposed to sunlight can increase the risk of basal cell carcinoma and squamous cell carcinoma of the skin. Basal cell carcinoma, squamous cell carcinoma of the skin, and actinic keratosis often appear as a change in the skin. Tests or procedures that examine the skin are used to diagnose basal cell carcinoma and squamous cell carcinoma of the skin. Certain factors affect prognosis (chance of recovery) and treatment options. The skin is the body's largest organ. It protects against heat, sunlight, injury, and infection. Skin also helps control body temperature and stores water, fat, and vitamin D. The skin has several layers, but the two main layers are the epidermis (upper or outer layer) and the dermis (lower or inner layer). Skin cancer begins in the epidermis, which is made up of three kinds of cells: Squamous cells: Thin, flat cells that form the top layer of the epidermis. Basal cells: Round cells under the squamous cells: Round cells under the squamous cells. When skin is exposed to the sun, melanocytes make more pigment and cause the skin to darken. EnlargeAnatomy of the skin showing the epidermis (including the squamous cell and basal cell layers), dermis, subcutaneous tissue, and other parts of the skin. Skin cancer can occur anywhere on the body, but it is most common in skin that is often exposed to sunlight, such as the face, neck, and hands. Skin cancer may form in basal cells or squamous cells, Basal cell carcinoma and squamous cell carcinoma and squamous cell carcinoma and squamous cell carcinoma and squamous cells. carcinoma. Melanoma is less common than basal cell carcinoma or squamous cell carcinoma or the body. This summary is about basal cell carcinoma, squamous cell carcinoma of the skin, and actinic keratosis. See the following PDQ summaries for information on melanoma and other kinds of cancer that affect the skin: Anything that increases your chance of getting a disease is called a risk factors doesn't mean that you will not get cancer. Talk with your doctor if you think you may be at risk. Risk factors for basal cell carcinoma and squamous cell carcinoma of the skin include the following: Being exposed to natural sunlight or artificial sunlight (such as from tanning beds) over long periods of time. Having a fair complexion, which includes the following: Fair skin that freckles and burns easily, does not tan, or tans poorly. Blue, green, or other lightcolored eyes. Red or blond hair. Although having a fair complexion is a risk factor for skin cancer, people of all skin colors can get skin cancer. Having a history of sunburns. Having a history of sunburns. Having a personal or family history of basal cell carcinoma, squamous cell carcinoma of the skin, actinic keratosis, familial dysplastic nevus syndrome, or unusual moles. Having certain changes in the genes or hereditary syndromes, such as basal cell nevus syndrome, that are linked to skin cancer. Having a weakened immune system. Being exposed to arsenic. Past treatment with radiation. Older age is the main risk factor for most cancers. The chance of getting cancer increases as you get older. Not all changes in the skin, or actinic keratosis. Check with your doctor if you notice any changes in your skin. Signs of basal cell carcinoma and squamous cell carcinoma of the skin include the following: A sore that does not heal. Areas of the skin that are: Raised, smooth, shiny, and look pearly. Firm and look like a scar, and may be white, yellow, or waxy. Raised and red or reddish-brown. Scaly, bleeding, or crusty. Basal cell carcinoma and squamous cell carcinoma of the skin occur most often in areas of the skin exposed to the sun, such as the nose, ears, lower lip, or top of the hands. Signs of actinic keratosis include the following: A rough, red, pink, or brown, scaly patch on the lower lip that is not helped by lip balm or petroleum jelly. Actinic keratosis occurs most commonly on the face or the top of the hands. The following procedures may be used: Physical exam and health history: An exam of the body to check general signs of health, including checking for signs of disease, such as lumps or anything else that seems unusual. A history of the patient's health habits and past illnesses and treatments will also be taken. Skin exam: An exam of the skin for bumps or spots that look abnormal in color, size, shape, or texture. Skin biopsy: All or part of the abnormal-looking growth is cut from the skin and viewed under a microscope by a pathologist to check for signs of cancer. There are four main types of skin biopsy: A sterile razor blade is used to "shave-off" the abnormal-looking growth. Punch biopsy: A special instrument called a punch or a trephine is used to remove a circle of tissue from the abnormal-looking growth. Enlarge punch biopsy: A special instrument is turned clockwise and counterclockwise to cut down about 4 millimeters (mm) to the layer of fatty tissue below the dermis. A small sample of tissue is removed to be checked under a microscope. Skin thickness is different on different parts of the body. Incisional biopsy: A scalpel is used to remove part of a growth. Excisional biopsy: A scalpel is used to remove the entire growth. The prognosis for squamous cell carcinoma of the skin depends mostly on the following: Treatment options for basal cell carcinoma and squamous cell carcinoma of the skin depend on the following: The type of cancer. The stage of the cancer, for squamous cell carcinoma. The size of the tumor and what part of the body it affects. The patient's general health. After squamous cell cancer of the skin has been diagnosed, tests are done to find out if cancer cells have spread within the skin or to other parts of the body. Staging for basal cell carcinoma and squamous cell carcinoma of the skin depends on where the cancer formed. The following stages are used for basal cell carcinoma and squamous cell carcinoma in situ) Stage IIStage IIIStage IVThe following stages are used for basal cell carcinoma and squamous cell carcinoma of the skin that is on the head or neck but not on the evelid: Stage III Stage II the skin on the eyelid: Stage 0 (Carcinoma in situ) Stage IIStage IIStage IIStage IIStage IVTreatment depends on the type of skin cancer or other skin condition diagnosed: Basal cell carcinoma or to other parts of the body is called staging. The information gathered from the staging process determines the stage of the disease. It is important to know the skin basal cell carcinoma of the skin rarely spreads to other parts of the body. Staging tests to check whether basal cell carcinoma of the skin has spread are usually not needed. The following tests and procedures may be used in the staging process for squamous cell carcinoma of the skin: CT scan (CAT scan): A procedure that makes a series of detailed pictures of areas inside the body, such as the head, neck, and chest, taken from different angles. The pictures are made by a computer linked to an x-ray machine. A dye may be injected into a vein or swallowed to help the organs or tissues show up more clearly. This procedure is also called computer ized tomography, computerized axial tomography, computer ized tomography, or computer ized tomography, or computer ized axial tomography. This procedure is also called computed tomography, computer ized tomography, or computer ized axial tomography. beam that can go through the body and onto film, making a picture of areas inside the body. A small amount of radioactive glucose (sugar) is injected into a vein. The PET scanner rotates around the body and makes a picture of where glucose is being used in the body. Malignant tumor cells show up brighter in the picture because they are more active and take up more glucose than normal cells do. Sometimes a PET scan and CT scan are done at the same time. Ultrasound exam: A procedure in which high-energy sound waves (ultrasound) are bounced off internal tissues, such as lymph nodes, or organs and make echoes. The echoes form a picture of body tissues called a sonogram. The picture can be printed to be looked at later. An ultrasound exam of the regional lymph nodes may be done for basal cell carcinoma and squamous cell carcinoma of the skin. Eye exam with dilated pupil: An exam of the eye in which the pupil is dilated (opened wider) with medicated eye drops to allow the doctor to look through the lens and pupil to the retina and optic nerve. The inside of the eye, including the retina and the optic nerve. The inside of the eye, including the retina and the optic nerve. The inside of the eye, including the retina and the optic nerve. lymph node tissue under a microscope to check for cancer cells. A lymph node biopsy may be done for squamous cell carcinoma of the skin. Cancer spreads from where it began by growing into nearby areas. Lymph system. The cancer spreads from where it began by getting into the lymph system. The cancer travels through the lymph vessels to other parts of the body. Blood. The cancer travels through the blood vessels to other parts of the body. When cancer spreads to another part of the body, it is called metastasis. Cancer cells break away from where they began (the primary tumor) and travel through the lymph system, travels through the lymph system, travels through the blood. Lymph system, travels through the blood. The cancer gets into the lymph system, travels through the blood. vessels, and forms a tumor (metastatic tumor) in another part of the body. The metastatic tumor is the same type of cancer deaths are caused when cancer moves from the original tumor and spreads to other tissues and organs. This is called metastatic cancer. This animation shows how cancer cells travel from the place in the body where they first formed to other parts of the body. Staging for basal cell carcinoma and squamous cell carcinoma of the eyelid is different from staging for basal cell carcinoma and squamous cell carcinoma found on other areas of the head or neck. There is no staging system for basal cell carcinoma and abnormal lymph nodes is done so that tissue samples can be studied under a microscope. This is called pathologic staging and the findings are used for staging as described below. If staging is done before surgery to remove the tumor, it is called clinical stage may be different from the pathologic stage. In stage 0, abnormal cells are found in the squamous cell or basal cell layer of the epidermis. These abnormal cells may become cancer and spread into nearby normal tissue. Stage 0 is also called carcinoma in situ. EnlargeNonmelanoma skin cancer of the head and neck (carcinoma in situ). Abnormal cells are found in the squamous cell or basal cell layer of the epidermis. These abnormal cells may become cancer and spread into nearby normal tissue. In stage I, cancer has formed and the tumor is 2 centimeters or smaller. Enlarge Stage I nonmelanoma skin cancer of the head and neck. The tumor is 2 centimeters or smaller. Enlarge Stage I nonmelanoma skin cancer of the head and neck. The tumor is 2 centimeters or smaller. the head and neck. The tumor is larger than 2 centimeters but not larger than 4 centimeters but not larger than 4 centimeters; or cancer has spread to (b) tissue covering the nerves below the dermis; or (c) below the subcutaneous tissue; or (d) the bone and the bone has minor damage. Cancer may have spread to one lymph node on the same side of the body as the tumor and the node is 3 centimeters or smaller, and cancer has not spread through to the outside covering of the lymph node (not shown).orEnlargeStage III nonmelanoma skin cancer of the head and neck (2). The tumor is 4 centimeters or smaller. Cancer has spread to one lymph node on the same side of the body as the tumor and the node is 3 centimeters or smaller. In stage III, one of the following is found: the tumor is larger than 4 centimeters, or cancer has spread to tissue covering the nerves below the dermis. or has spread below the subcutaneous tissue, or has spread to the bone and the bone and the bone has minor damage. Cancer may have also spread to one lymph node on the same side of the body as the tumor and the node is 3 centimeters or smaller, and cancer has spread to one lymph node on the same side of the body as the tumor and the node is 3 centimeters or smaller. Enlarge Stage IV nonmelanoma skin cancer may have spread to the bone and the bone has minor damage, or to tissue covering the nerves below the dermis, or below the subcutaneous tissue. Cancer has spread to: (a) one lymph node on the same side of the body as the tumor, the node is 3 centimeters or smaller, and cancer has spread through to the outside covering of the lymph node; or (b) one lymph node on the same side of the body as the tumor, the node is 1 centimeters but not larger than 6 centimeters, and cancer has not spread through to the outside covering of the lymph node; or (c) more than one lymph node on the same side of the outside covering of the lymph nodes; or (d) one or more lymph nodes on the opposite side of the body as the tumor or on both sides of the body, the nodes are 6 centimeters or smaller, and cancer has not spread through to the outside covering of the lymph nodes.or EnlargeStage IV nonmelanoma skin cancer of the head and neck (2). The tumor is any size. Cancer may have spread to tissue covering the nerves below the dermis, or below the subcutaneous tissue, or to bone marrow or to bone, including the bottom of the skull. Cancer has spread to: (a) one lymph node on the same side of the body as the tumor, the node is larger than 3 centimeters, and cancer has spread through to the outside covering of the lymph node; or (c) one lymph node is any size, and cancer has spread through to the outside covering of the lymph node; or (d) more than one lymph node on one or both sides of the body and cancer has spread through to the outside covering of the lymph nodes.orEnlargeStage IV nonmelanoma skin cancer has spread to bone marrow or to bone, including the base of the skull, and the bone has been damaged. Cancer may have also spread to the lymph nodes; OR cancer has spread to other parts of the body, such as the lung. In stage IV, one of the following is found: the tumor is any size and cancer may have spread to the bone and the bone has minor damage, or to tissue covering the nerves below the dermis, or below the subcutaneous tissue. Cancer has spread to the lymph nodes as follows: one lymph node on the same side of the body as the tumor, the affected node is 3 centimeters or smaller, and cancer has spread through to the outside covering of the lymph node on the same side of the body as the tumor, the affected node is 3 centimeters or smaller, and cancer has spread through to the outside covering of the lymph node on the same side of the body as the tumor, the affected node is 3 centimeters or smaller, and cancer has spread through to the outside covering of the lymph node on the same side of the body as the tumor, the affected node is 3 centimeters or smaller, and cancer has spread through to the outside covering of the lymph node on the same side of the body as the tumor, the affected node is 3 centimeters or smaller, and cancer has spread through to the outside covering of the lymph node on the same side of the body as the tumor, the affected node is 3 centimeters or smaller, and cancer has spread through to the outside covering of the lymph node on the same side of the body as the tumor, the affected node is 3 centimeters or smaller, and cancer has spread through the body as the tumor, the affected node is 3 centimeters or smaller, and cancer has spread through the body as the tumor, the affected node is 3 centimeters or smaller, and cancer has spread through the body as the body as the tumor. cancer has not spread through to the outside covering of the lymph node; ormore than one lymph nodes are 6 centimeters or smaller, and cancer has not spread through to the outside covering of the lymph nodes; ormore than one lymph nodes on the opposite side of the body as the tumor or on both sides of the body, the affected nodes are 6 centimeters or smaller, and cancer has not spread through to the outside covering the nerves below the dermis, or below the subcutaneous tissue, or to bone marrow or to bone, including the bottom of the skull. Also cancer has spread to one lymph node is larger than 6 centimeters and cancer has spread to one lymph node on the same side of the body as the tumor, the affected node is larger than 3 centimeters, and cancer has spread through to the outside covering of the lymph node; orcancer has spread to one lymph node on the opposite side of the body as the tumor, the affected node is any size, and cancer has spread to one lymph node on one or both sides of the body and cancer has spread through to the outside covering of the lymph nodes, the tumor is any size and cancer has spread to bone marrow or to bone, including the bottom of the skull, and the bone has been damaged. Cancer may have also spread to the lymph nodes; or cancer has spread to other parts of the body, such as the lung. In stage 0, abnormal cells are found in the epidermis, usually in the basal cell layer. These abnormal cells may become cancer and spread into nearby normal tissue. Stage I is divided into stages IA and IB. Stage IA: The tumor is 10 millimeters or smaller and may have spread to the edge of the eyelid where the lashes are, to the connective tissue in the eyelid, or to the full thickness of the eyelid. Stage IB: The tumor has not spread to the edge of the eyelid where the lashes are, or to the connective tissue in the eyelid. Stage II is divided into stages IIA and IIB. In stage IIA, one of the following is found: the tumor is larger than 10 millimeters but not larger than 20 millimeters and has spread to the eyelid; or the full thickness of the eyelid where the lashes are, to the connective tissue in the eyelid, or to the full thickness of the eyelid; or the full thickness of the eyelid; or the full thickness of the eyelid where the lashes are, to the connective tissue in the eyelid, or to the full thickness of the eyelid; or the full thickness of the eyelid where the lashes are, to the eyelid where the lashes are, to the eyelid and the eyelid where the lashes are the eyelid where the lashes are the eyelid where the eyelid where the lashes are the eyelid where eyelid where the eyelid where the eyelid where the eyelid where eyelid millimeters and may have spread to the eyelid. In stage IIB, the tumor may be any size and has spread to the eyelid, or to the full thickness of the eyelid. In stage IIIB, the tumor may be any size and has spread to the eye, eye socket, sinuses, tear ducts, or brain, or to the tissues that support the eye. Stage III is divided into stages IIIA and IIIB. Stage IIIA: The tumor may be any size and may have spread to the eyelid, or to the body as the tumor and the node is 3 centimeters or smaller. Stage IIIB: The tumor may be any size and may have spread to the evelid, or to the full thickness of the evelid, or to the evel, eve socket, sinuses, tear ducts, or brain, or to the tissues that support the eve. Cancer has spread to lymph nodes as follows: one lymph node on the same side of the body as the tumor and the node is larger than 3 centimeters; ormore than one lymph node on the body as the tumor or on both sides of the body. In stage IV, the tumor has spread to other parts of the body, such as the lung or liver. Enlarge Basal cell carcinoma. A skin cancer lesion that looks reddish brown and slightly raised (left panel). Basal cell carcinoma is the most common type of skin cancer. It usually occurs on areas of the skin that have been in the sun, most often the nose. Often this cancer appears as a raised bump that looks smooth and pearly. A less common type looks like a scar or it is flat and firm and may be skin-colored, yellow, or waxy. Basal cell carcinoma may spread to tissues around the cancer, but it usually does not spread to other parts of the body. Enlarge Squamous cell carcinoma. A skin cancer lesion on the face that looks raised and crusty (left panel) and a skin cancer lesion on the leg that looks pink and raised (right panel). Squamous cell carcinoma occurs on areas of the skin that have been damaged by the sun, such as the ears, lower lip, and the back of the hands. Squamous cell carcinoma may also appear on areas of the skin that have been sunburned or exposed to chemicals or radiation. Often this cancer looks like a firm red bump. The tumor may feel scaly, bleed, or form a crust. Squamous cell tumors may spread to nearby lymph nodes. Squamous cell carcinoma that has not spread can usually be cured. Actinic keratosis is a skin condition that is not cancer, but sometimes changes into squamous cell carcinoma. One or more lesions may occur in areas that have been exposed to the sun, such as the face, the back of the hands, and the lower lip. It looks like rough, red, pink, or brown scaly patches on the skin that may be flat or raised, or as a cracked and peeling lower lip. that is not helped by lip balm or petroleum jelly. Actinic keratosis may disappear without treatment. There are different types of treatment for patients with basal cell carcinoma, squamous cell carcinoma of the skin, and actinic keratosis. Eight types of standard treatment are used: Surgery Radiation therapy Chemotherapy Photodynamic therapyImmunotherapyTargeted therapyChemical peelOther drug therapyNew types of treatment are being tested in clinical trials. Treatment for skin cancer may cause side effects. Patients may want to think about taking part in a clinical trial. Patients can enter clinical trials before, during, or after starting their cancer treatment. Follow-up tests may be needed. Different types of treatment are available for patients with basal cell carcinoma, squamous cell carcinoma of the skin, and some are being tested in clinical trials. A treatment clinical trial is a research study meant to help improve current treatments or obtain information on new treatment for patients with cancer. When clinical trials show that a new treatment is better than the standard treatment is better than have not started treatment. One or more of the following surgical procedures may be used to treat basal cell carcinoma, squamous cell carcinoma of the skin, or actinic keratosis: Simple excision: The tumor, along with some of the normal tissue around it, is cut from the skin. Mohs micrographic surgery: The tumor is cut from the skin in thin layers. During the procedure, the edges of the tumor and each layer of tumor removed are viewed through a microscope to check for cancer cells. Layers continue to be removed until no more cancer cells are seen. This type of surgery removes as little normal tissue as possible. It is often used to remove skin cancer on the face, fingers, or genitals and skin cancer that does not have a clear border. EnlargeMohs surgery. A surgical procedure to removed thin layer of tissue is removed and viewed under a microscope to check for cancer cells. More layers are removed one at a time until the tissue viewed under a microscope shows no remaining cancer. This type of surgery is used to remove as little normal tissue as possible and is often used to remove skin cancer on the face. Shave excision: The tumor is cut from the skin with a curette (a sharp, spoon-shaped tool). A needle-shaped electrode is then used to treat the area with an electric current that stops the bleeding and destroys cancer cells that remain around the edge of the wound. The process may be repeated one to three times during the surgery to remove all of the cancer. This type of treatment is also called electrosurgery. Cryosurgery: A treatment that uses an instrument to freeze and destroy abnormal tissue, such as carcinoma in situ. This type of treatment is also called cryotherapy. Enlarge Cryosurgery. An instrument with a nozzle is used to spray liquid nitrogen or liquid carbon dioxide to freeze and destroy abnormal tissue. Laser surgery: A surgical procedure that uses a laser beam (a narrow beam of intense light) as a knife to make bloodless cuts in tissue or to remove a surface lesion such as a tumor. Dermabrasion: Removal of the top layer of skin using a rotating wheel or small particles to rub away skin cells. Simple excision, Mohs micrographic surgery, curettage and electrodesiccation, and cryosurgery are used to treat basal cell carcinoma. Simple excision, shave excision, curettage and desiccation, dermabrasion, and laser surgery are used to treat basal cell carcinoma. keratosis.Radiation therapy is a cancer treatment that uses high-energy x-rays or other types of radiation to kill cancer cells or keep them from growing. External radiation therapy is a cancer treatment that uses high-energy x-rays or other types of radiation toward the area of the body with cancer. External radiation therapy is a cancer treatment that uses high-energy x-rays or other types of radiation toward the area of the body with cancer. External radiation therapy is a cancer treatment that uses high-energy x-rays or other types of radiation toward the area of the body with cancer. squamous cell carcinoma of the skin. Chemotherapy is a cancer treatment that uses drugs to stop the growth of cancer cells, either by killing the cells or by stopping them from dividing. Chemotherapy is a cancer treatment that uses drugs to stop the growth of cancer cells, either by killing the cells or by stopping them from dividing. Chemotherapy is a cancer treatment that uses drugs to stop the growth of cancer cells, either by killing the cells or by stopping them from dividing. lotion). Topical fluorouracil (5-FU) is used to treat basal cell carcinoma. See Drugs Approved for Basal Cell Carcinoma for more information. Photodynamic therapy (PDT) is a cancer treatment that uses a drug and a certain type of light to kill cancer cells. A drug that is not active until it is exposed to light is injected into a vein or put on the skin. The drug collects more in cancer cells than in normal cells. For skin cancer, laser light is shined onto the skin and the drug becomes active and kills the cancer cells. Photodynamic therapy is also used to treat actinic keratoses. Immunotherapy is a treatment that uses the patient's immune system to fight cancer. Substances made by the body or made in a laboratory are used to boost, direct, or restore the body's natural defenses against cancer. This cancer treatment is a type of biologic therapy. There are different types of immunotherapy used to treat skin cancer: Immune checkpoint inhibitors block proteins called checkpoints that are made by some types of immune system cells, such as T cells, and some cancer cells. PD-1 is a protein found on some types of cancer cells. When PD-1 attaches to PD-L1, it stops the T cell from killing the cancer cell. PD-1 and PD-L1 inhibitors keep PD-1 and PD-L1 inhibitors keep PD-1 and PD-L1 inhibitors keep PD-1 and PD-L1 proteins from attaching to each other parts of the body. Enlarge Immune checkpoint inhibitor. Checkpoint proteins, such as PD-L1 on tumor cells and PD-1 on T cells, help keep immune responses in check. The binding of PD-L1 to PD-1 with an immune checkpoint inhibitor (anti-PD-L1 or anti-PD-1) allows the T cells to kill tumor cells (right panel). Immunotherapy uses the body's immune system to fight cancer. This animation explains one type of immunotherapy that uses drugs or other substances to identify and attack specific cancer cells. Targeted therapies usually cause less harm to normal cells than chemotherapy or radiation therapy do. See Drugs Approved for Basal Cell Carcinoma for more information. A chemical peel is a procedure used to improve the way certain skin conditions look. A chemical solution is put on the skin to dissolve the top layers of skin cells. Chemical peels may be used to treat actinic keratosis. This type of treatment is also called chemabrasion and chemexfoliation. Retinoids (drugs related to vitamin A) are sometimes used to treat squamous cell carcinoma of the skin. Diclofenac and ingenol are topical drugs used to treat actinic keratosis. Information about clinical trials is available from the NCI website. For information about side effects caused by treatment for cancer, see our Side Effects page. For some patients, taking part in a clinical trial may be the best treatment choice. Clinical trials are part of the cancer research process. Clinical trials are done to find out if new cancer treatments are safe and effective or better than the standard treatment. Many of today's standard treatment or be among the first to receive a new treatment. Patients who take part in clinical trials also help improve the way cancer will be treated in the future. Even when clinical trials do not lead to effective new treatments, they often answer important questions and help move research forward. Some clinical trials only include patients who have not yet received treatment. Other trials test treatments for patients whose cancer has not gotten better. There are also clinical trials that test new ways to stop cancer from recurring (coming back) or reduce the side effects of cancer treatment. Clinical trials supported by NCI can be found on NCI's clinical trials search webpage. Clinical trials supported by other organizations can be found on the Clinical Trials gov website. Some of the tests that were done to diagnose the cancer or to find out the stage of the cancer or to find out the stage of the cancer or to find out the stage of the cancer may be repeated. Some tests will be repeated in order to see how well the treatment is working. Decisions about whether to continue, change, or stop treatment may be based on the results of these tests. Some of the tests will continue to be done from time to time after treatment has ended. The results of these tests are sometimes called follow-up tests or check-ups. If basal cell carcinoma and squamous cell carcinoma recur (come back), it is usually within 5 years of initial treatment. Talk to your doctor about how often you should have your skin checked for signs of cancer. Physician Data Query (PDQ) is the National Cancer Institute's (NCI's) comprehensive cancer information database. The PDQ database contains summaries of the latest published information on cancer prevention, detection, genetics, treatment, supportive care, and complementary and alternative medicine. Most summaries come in two versions are written in easy-to-understand, nontechnical language. Both versions have cancer information that is accurate and up to date and most versions are also available in Spanish.PDQ is a service of the NCI. The NCI is part of the NCI of the medical literature. They are not policy statements of the NCI or the NIH. This PDO cancer information about the treatment of skin cancer. It is meant to inform and help patients, families, and caregivers. It does not give formal guidelines or recommendations for making decisions about health care. Editorial Boards write the PDO cancer information summaries and keep them up to date. These Boards are made up of experts in cancer treatment and other specialties related to cancer. The summaries are reviewed regularly and changes are made when there is new information. The date on each summary ("Updated") is the date of the most recent change. The information in this patient summary was taken from the health professional version, which is reviewed regularly and updated as needed, by the PDQ Adult Treatment Editorial Board. A clinical trial is a study to answer a scientific question, such as whether one treatment is better than another. Trials are based on past studies and what has been learned in the laboratory. Each trial answers certain scientific questions in order to find new and better ways to help cancer patients. During treatment clinical trials, information is collected about the effects of a new treatment and how well it works. If a clinical trial shows that a new treatment is better than one currently being used, the new treatment may become "standard." Patients may want to think about taking part in a clinical trials can be found online at NCI's website. For more information, call the Cancer Information Service (CIS), NCI's contact center, at 1-800-4-CANCER (1-800-422-6237). PDO is a registered trademark. The content of PDO documents can be used freely as text. It cannot be identified as an NCI PDO cancer information summary unless the whole summary is shown and it is updated regularly. 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