

Your doctor has recommended a **Bard Access Systems** Implanted Port for you because your treatment requires frequent delivery of medications directly into your bloodstream.

The information contained in this booklet will help you understand and answer questions that you may have regarding the **Bard Access** Implanted Ports.

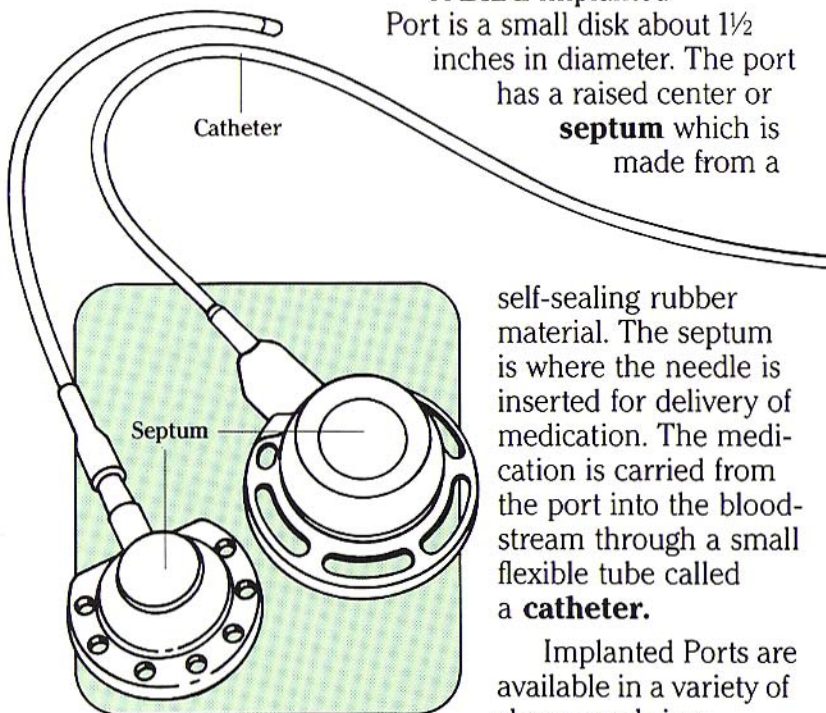
THIS INFORMATION IS PROVIDED TO YOU AS A REFERENCE. YOUR DOCTOR AND NURSE ARE STILL YOUR BEST SOURCES OF INFORMATION. ANY QUESTIONS THAT YOU HAVE SHOULD BE DIRECTED TO THEM. ALWAYS FOLLOW THEIR DIRECTIONS CONCERNING THE USE AND MAINTENANCE OF YOUR IMPLANTED PORT.

What is a Bard Implanted Port?

A **Bard** Implanted Port is a device which is used to deliver medications into the bloodstream. The word **implanted** refers to the fact that the device is placed completely beneath the skin. The port will be visible merely as a small “raised area” beneath your skin. Daily care is generally not required and it does not affect your normal activities.

The port is made from special medical grade materials designed for safe long-term use in the human body.

A **Bard** Implanted Port is a small disk about 1½ inches in diameter. The port has a raised center or **septum** which is made from a



self-sealing rubber material. The septum is where the needle is inserted for delivery of medication. The medication is carried from the port into the bloodstream through a small flexible tube called a **catheter**.

Implanted Ports are available in a variety of shapes and sizes.

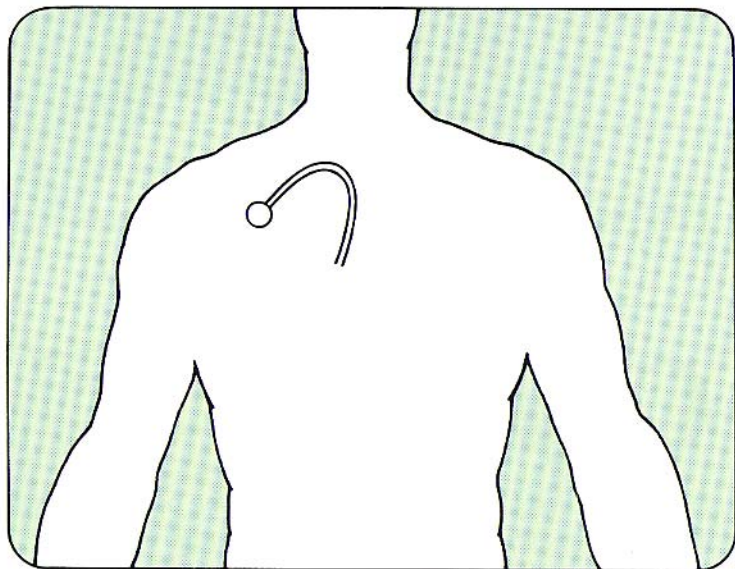
Your Physician has chosen the **Bard** Implanted Port which is most appropriate for your body size and therapy.

How is the Port Placed?

The **Bard** Implanted Port is placed during a brief surgical operation that usually is performed under local anesthesia. You may even be allowed to return home on the same day.

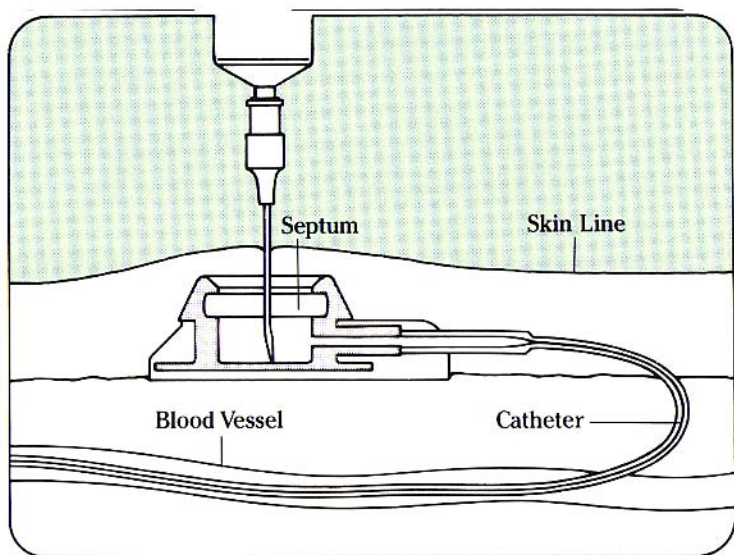
Where is the Port Placed?

Your doctor will place the port just beneath your skin, and insert the end of the catheter into the blood vessel that has been selected to receive the medication. Your doctor will locate the port in a position most suitable for your treatment. Frequently the port is placed on the upper chest in an area just below the collarbone.



How Does the Port Work?

Once the port is placed beneath the skin, it is ready to be used for easy delivery of medication into the bloodstream. The venous port also provides an easy method for collecting blood samples. When a medical treatment or blood sample is needed, a special needle is placed through the septum of the port which connects to the catheter. For most patients there is only a mild pricking sensation felt during needle insertion. Frequently, the sensation of the needle insertion decreases over time.



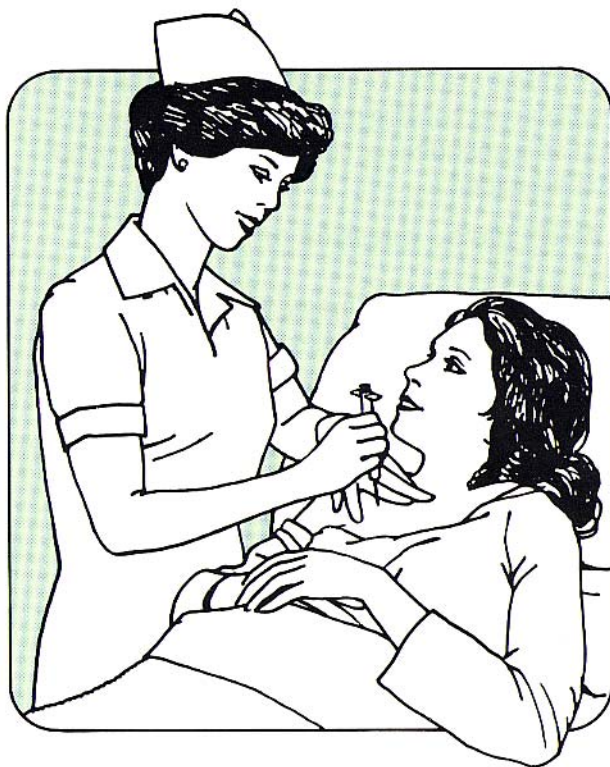
Care of Your Port

During the first few days after receiving the port, it will be important to avoid any heavy exertion and to follow any special instructions the doctor gives for care of the small incision. Once the incision has healed, you will not have to take any special care of the port and can resume your normal daily activities.

Use of Your Port

The port can be used to deliver medication in two ways. One method called **bolus injection** delivers the medication all at once with the needle left in place only for a short time. The other method is a slow delivery of medication called a **continuous infusion**. For this type of medication, a dressing will usually be placed over the needle to hold it in the port for a longer time and a small tube will connect it to the medication source.

After each treatment, and occasionally between treatments if the port is not used often, the port and catheter are flushed with a special solution. If your doctor has asked you to help with these procedures, you will receive special training and additional information on Page 8 under Special Instructions.



Answers to Some Questions You May Have About the Port.

Will the port affect my normal daily activities?

For the first few days after you receive the port, try to avoid strenuous activities. Once your incision heals you should be able to resume normal daily activities such as bathing, swimming, or jogging while the port is not in use. Your doctor and nurse are the best persons to answer any questions about specific activities and the appropriate time to resume them.

Will I need to wear a bandage over the port?

A bandage will be required until your incision heals. Once healing has occurred, a bandage is not required if the port is not being used. If you are receiving continuous infusions of fluids, a bandage may be applied to stabilize and protect the needle while it is in place.

Do I have to avoid wearing certain types of clothing?

Your doctor or nurse are the best persons to consult since the answer will vary according to where the port is placed. Clothing such as suspenders or certain types of bra straps may need to be avoided.

What do I do if I have a question or suspect a problem?

Remember that following the surgery, you will experience some redness and tenderness in the area of the incision which normally subsides in the first 24 to 48 hours. However, contact your doctor or nurse if you notice unusual changes in the skin area over the port such as increased swelling, redness, or soreness. If you experience pain, fever, chills, shortness of breath or dizziness, contact your doctor immediately.

What do I do if my doctor or nurse is unavailable?

You will be provided with a wallet-sized **Medical Alert Identification Card** that contains important information about the port. With this information, other qualified medical personnel will be able to provide assistance.

Acknowledgement Card

I, _____, have received
print name of patient or care giver

the booklet "**Bard Access Systems** Implanted Port Patient

Information" from _____.

(Patient Signature)

(Date)

Tarjeta de Aceptación

Yo, _____, he recibido el folleto
nombre del paciente o cuidador

"Información para el Paciente — Portales Implantados **Bard**"

de _____.

(Firma del paciente)

(Fecha)

You should carry your Medical Alert Identification Card with you at all times.

Debe llevar siempre consigo su Tarjeta de Identificación de Alerta Médica.

Caution: Use Only Non-Coring Needles

Precaución: Usar solamente agujas no cortantes

Patient Name (Nombre del paciente)

Reason for Placement (Motivo para la colocación)

Product Code (Código del producto)

Hospital (Hospital)

Lot Number (Número de lote)

Phone (Teléfono)

Port Type (Tipo de portal)

Doctor (Médico)

Catheter Type (Tipo de catéter)

Phone (Teléfono)

Implant Site (Sitio de implante)

Nurse (Enfermera)

Implant Date (Fecha de implante)

Vessel Accessed (Vaso de entrada)

Phone (Teléfono)

Warning: An issued or revision date for these instructions is included for the user's information. In the event two years have elapsed between this date and product use, the user should contact Bard Access Systems to see if additional product information is available.

Revised Date: February, 1993

Advertencia: Para información del paciente se incluye una fecha de emisión o revisión de estas instrucciones. En el caso que hayan transcurrido más de dos años entre esta fecha y la de uso del producto, el consumidor debe contactar Bard Access Systems para averiguar si existe alguna información adicional.

Fecha de revisión: February, 1993

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Bard Access Systems

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