



Family Planning
Logistics Management
Project

F P L M

PN-ACG-964
103902

1616 N. Fort Myer Drive
11th Floor
Arlington Virginia 22209 USA
Tel (703) 528 7474
Fax (703) 528 7480

Contraceptive Fact Sheets

A Tool for Logistics Advisors

FPLM

1999



FPLM

The Family Planning Logistics Management (FPLM) project is funded by the Office of Population of the Bureau of Global Programs of the U S Agency for International Development (USAID) The agency's Contraceptives and Logistics Management Division increases the awareness, acceptability, and use of family planning methods, and expands and strengthens the managerial and technical skills of family planning and health personnel

Implemented by John Snow, Inc (contract no CCP-C-00-95-00028-04), the FPLM project works to ensure the continuous supply of high quality health and family planning products in developing countries FPLM also provides technical management and analysis of two USAID databases, the contraceptive procurement and shipping database (NEWVERN), and the Population, Health, and Nutrition Projects Database (PPD)

This document does not necessarily represent the views or opinions of USAID It may be reproduced if credit is given to FPLM

Recommended Citation

FPLM 1999 *Contraceptive Fact Sheets* Published for the U S Agency for International Development (USAID) by the FPLM project Arlington, VA

**FPLM**

Family Planning Logistics Management
John Snow, Inc
1616 North Fort Myer Drive, 11th Floor
Arlington VA 22209 USA
Phone 703-528-7474
Fax 703-528-7480
E mail fplm_project@jsi.com
Internet www.fplm.jsi.com

REFERENCES FOR ADDITIONAL INFORMATION

References with Information Specific to Condoms	General References on Contraceptive Methods/Issues (All available free of charge)
<p><i>Barmer Contraceptives and Spermicides: Their Role in Family Planning Care</i> Geneva World Health Organization 1987</p> <p><i>Contraceptive Technology</i> Sixteenth Revised Edition Irvington Publishers Inc New Hampshire USA 1994</p> <p><i>Family Planning Logistics Guidelines</i> Family Planning Logistics Management Project Atlanta Centers for Disease Control and Prevention December 1993</p> <p>Lamprey P et al Condom issues in AIDS prevention in Africa <i>AIDS</i> 5 (supplement 1) S183 S191 (1991)</p> <p><i>Managing Condom Supplies</i> (Draft 11) World Health Organization/Global Programme on AIDS Geneva World Health Organization June 18 1991 (also available from FPLM)</p> <p><i>Pipeline</i> FPLM Newsletter Fall 1994</p> <p><i>Population Reports</i> Condoms--Now More Than Ever Series H Number 8 (September 1990) Johns Hopkins University Population Information Program Baltimore MD USA</p>	<p><i>IPPF Medical Bulletin</i> published every two months by International Planned Parenthood Federation Direct inquiries to IPPF Distribution Unit P O Box 759 Inner Circle Regents Park London NW1 4LQ UNITED KINGDOM</p> <p><i>IPPF Open File</i> published monthly by International Planned Parenthood Federation Direct inquiries to Information Services Office International Planned Parenthood Federation (IPPF) Regents College Inner Circle Regents Park London NW1 4NS UNITED KINGDOM</p> <p><i>Network</i> published quarterly by Family Health International Direct inquiries to <i>Network</i> Family Health International P O Box 13950 Research Triangle Park NC 27709 USA</p> <p><i>Outlook</i> published quarterly by Program for Appropriate Technology in Health (PATH) Direct inquiries to <i>Outlook</i> PATH 4 Nickerson Street Seattle WA 98109 1699 USA</p> <p><i>Population Reports</i> published by the Population Information Program of The Johns Hopkins University Direct inquiries to <i>Population Reports</i> Population Information Program The Johns Hopkins University 111 Market Place Suite 310 Baltimore MD 21202 USA</p> <p>World Health Organization series of technical guidelines for the provision of contraceptive services Direct inquiries to Maternal and Child Health/Family Planning World Health Organization 1211 Geneva 27 SWITZERLAND</p>

CONDOMS

Visual Indicators of Potential Quality Problems	Special Considerations	Donor/Manufacturer/ Brand	Shelf Life	Primary/Secondary Packaging Presentation	Units per Shipping Carton	Dimensions & Weight of Carton
<p>Physical damage to shipping carton</p> <p>Physical damage to inner box</p> <p>Physical damage to unit package (break in package seal)</p> <p>Presence of foreign matter inside unit package</p> <p>Labeling incorrect missing or illegible (especially product or brand lot and batch numbers expiration and/or manufacture date manufacturer's name)</p> <ul style="list-style-type: none"> Leakage of lubricant <p>WARNING</p> <p>Condoms may deteriorate substantially without exhibiting visible changes</p> <p>RECOMMENDED STORAGE CONDITIONS</p> <p>Store away from extreme heat (over 40° C) moisture direct sunlight/fluorescent light</p>	<p>Do not expose to direct sunlight or fluorescent light</p> <p>Do not store for prolonged periods at high temperatures or close to a hot radiator motor or other source of heat or ozone follow manufacturer's recommendations</p> <ul style="list-style-type: none"> Products may be marked with either date of manufacture or date of expiration <p>Expiration date is not a reliable indication of quality as it is based on ideal storage conditions</p> <p>Expiration date on spermicidally lubricated condoms refers to the spermicide not to the latex condom</p> <ul style="list-style-type: none"> Condoms supplied by USAID and UNFPA are not spermicidally lubricated spermicidally lubricated condoms are available from IPPF upon request <p>NOTE</p> <p>Shelf lives also vary according to national policy national policy may supercede manufacturer's shelf life</p>	<p>USAID</p> <p>Sourced domestically in the U S to ASTM and ISO standards and USAID specifications</p> <p>49 mm lubricated (production discontinued)</p> <p>52 mm lubricated Plain (no logo)</p> <p>Blue & Gold (for social marketing programs)</p> <p>Panther (for social marketing programs)</p> <p>Panther Gold (Bangladesh only)</p> <p>Raja (natural latex and red Bangladesh only)</p> <p>VIVE (G Cap Central America only)</p> <p>PROSEX (Brazil only production discontinued)</p> <p>Sathi (El Salvador only production discontinued)</p>	<p>5 years for all sizes and brands shipped and stored under ideal conditions</p> <p>labeling features manufacturing date rather than expiry date because of the variability in deterioration in different field level storage conditions</p>	<p>Condoms individually sealed in foil laminate 100 condoms per inner box</p> <p>Condoms supplied prior to January 1996 sealed in polycello film</p> <p>Minimum order 1 shipping carton</p>	<p>6 000 condoms per carton</p>	<p>For both sizes</p> <p>3 7 ft³ (11 m³)</p> <p>48 lbs (21 8 kg)</p>
		<p>IPPF</p> <p>Sourced globally to recipient s choice of following specifications</p> <p>ISO standard</p> <p>WHO specifications</p> <p>UK/BSI specifications</p> <p>USAID specifications</p>	<p>Varies by manufacturer</p>	<p>Condoms individually sealed in foil laminate 144 condoms per inner box</p> <p>Condoms individually sealed in foil laminate 100 condoms per inner box</p>	<p>7 200 condoms per carton</p> <p>7 200 condoms per carton</p> <p>6 000 condoms per carton</p>	<p>Variable contact IPPF for specifics</p> <p>Variable contact IPPF for specifics</p> <p>3 7 ft³ (11 m³)</p> <p>46 lbs (20 9 kg)</p>
		<p>UNFPA</p> <p>Sourced globally to ISO standard WHO specifications</p>	<p>Varies by manufacturer</p>	<p>Condoms individually sealed in foil laminate 144 condoms per inner box 50 inner boxes per shipping carton</p>	<p>7 200 condoms per carton</p>	<p>Variable contact UNFPA for specifics</p>

ORAL CONTRACEPTIVES 1

Visual Indicators of Potential Quality Problems	Special Considerations	Donor/Manufacturer/ Brand	Shelf Life	Primary/Secondary Packaging Presentation (Blister pack = monthly cycle)	Units per Shipping Carton	Dimensions & Weight of Carton
<p>Physical damage to shipping carton</p> <p>Physical damage to inner box</p> <p>Physical damage to unit package (break in package seal)</p> <p>Presence of foreign matter inside unit package</p> <p>Labeling incorrect missing or illegible (especially product or brand lot and batch numbers expiration and/or manufacture date manufacturer's name)</p> <p>Pills visibly damaged (broken cracked discolored etc)</p> <p>Missing pills within blister packs</p> <p>Signs of pill deterioration (brown spots crushes/powders easily)</p> <p>Expiration dates should always be taken from the individual packages as shelf life <u>may</u> differ depending upon country of origin</p> <p>RECOMMENDED STORAGE CONDITIONS</p> <p>Store away from direct sunlight in a cool place</p>	<p>Never mix pills from one package with those from another package</p> <p>NOTE</p> <p>Norminest Norquest and Noriday discontinued after 1994</p>	<p>USAID</p> <p>Wyeth Ayerst Lo Femenal Ovrette Lo Gentrol (Philippines only)</p> <p>Duofem (for social marketing programs)</p>	<p>5 years</p> <p>5 years</p>	<p>Tablets are mounted in 4 rows of 7 (Lo Femenal Lo-Gentrol and Duofem packaged as 21 hormonal pills preceding 7 iron pills Ovrette packaged as 4 rows of hormonal pills)</p> <p>Inner boxes contain 100 monthly cycle blister packs packed in a paperboard tray each tray over wrapped in foil and heat sealed</p> <p>Minimum order 1 shipping carton</p>	<p>1 200 monthly cycles per carton</p>	<p>1 3 ft³ (0 04 m³) 17 lbs (7 7 kg)</p>

ORAL CONTRACEPTIVES 2

Visual Indicators of Potential Quality Problems	Special Considerations	Donor/Manufacturer/ Brand	Shelf Life	Primary/Secondary Packaging Presentation (Blister pack = monthly cycle)	Units per Shipping Carton	Dimensions & Weight of Carton
<p>Physical damage to shipping carton</p> <p>Physical damage to inner box</p> <p>Physical damage to unit package (break in package seal)</p> <p>Presence of foreign matter inside unit package</p> <p>Labeling incorrect missing or illegible (especially product or brand lot and batch numbers expiration and/or manufacture date manufacturer's name)</p> <p>Pills visibly damaged (broken cracked discolored etc)</p> <ul style="list-style-type: none"> • Missing pills within blister packs • Signs of pill deterioration (brown spots crushes/powders easily) <p>RECOMMENDED STORAGE CONDITIONS</p> <p>Store away from direct sunlight in a cool place</p>	<p>Never mix pills from one package with those from another package</p> <p>Some pills are packaged in cycles of 21 others in cycles of 28 depending on whether 7 iron pills or placebos follow the 21 hormonal pills</p>	<p>IPPF</p> <p>Medimpex Rigevidon</p> <p>Organon Exulton Ovostat Marvelon</p> <p>Ortho Micronor Ortho/Novum 1/35 Ortho/Novum 1/50</p> <p>Schenng AG Combination 3 (Blue Lady) Eugynon ED Fe (Blue Lady) Microgynon 30 Neogynon ED Fe (Blue Lady) Tnquilar ED Fe (Blue Lady)</p> <p>Eugynon 21 Microlut Neogynon 21 Tnquilar 21</p> <p>Wyeth Ayerst Nordette 28 (Blue Lady) Nordette 21 Nordiol 28 (Blue Lady) Ovral 28 (Blue Lady)</p> <p>Microval 35 Nordiol 21</p>	<p>5 years</p> <p>5 years 3 years</p> <p>5 years</p> <p>5 years</p> <p>5 years</p> <p>5 years</p> <p>5 years</p>	<p>Inner packs of 3 blister packs</p> <p>Inner boxes of 100 blister packs</p> <p>Inner boxes of 144 blister packs</p> <p>Inner packs of 3 blister packs</p> <p>Inner boxes of 100 blister packs</p> <p>Inner packs of 3 blister packs</p> <p>Inner boxes of 100 blister packs</p>	<p>600 monthly cycles per carton</p> <p>600 monthly cycles per carton</p> <p>576 monthly cycles per carton</p> <p>600 monthly cycles per carton</p>	<p>Variable contact IPPF for specifics</p>

ORAL CONTRACEPTIVES 3

Visual Indicators of Potential Quality Problems	Special Considerations	Donor/Manufacturer/ Brand	Shelf Life	Primary/Secondary Packaging Presentation (Monthly cycle = blister pack)	Units per Shipping Carton	Dimensions & Weight of Carton
<p>Physical damage to shipping carton</p> <p>Physical damage to inner box</p> <p>Physical damage to unit package (break in package seal)</p> <p>Presence of foreign matter inside unit package</p> <p>Labeling incorrect missing or illegible (especially product or brand lot and batch numbers expiration and/or manufacture date manufacturer's name)</p> <p>Pills visibly damaged (broken discolored etc)</p> <p>Missing pills within blister packs</p> <ul style="list-style-type: none"> • Signs of pill deterioration (brown spots crushes/powders easily) <p>RECOMMENDED STORAGE CONDITIONS</p> <p>Store away from direct sunlight in a cool place</p>	<p>Never mix pills from one package with those from another package</p>	<p>UNFPA</p> <p>Medimpex Ovidon Rigevidon</p> <p>Organon Marvelon 28</p> <p>Exulton 28</p> <p>Ortho UK/US Micronor Trinovum</p> <p>Schering Microgynon 30 ED Fe Eugynon 30 ED Fe Neogynon 30 ED Fe Triquilar ED Fe Eugynon ED Fe Combination 5 Fe</p> <p>Microlut 35 Eugynon 21 Triquilar 21 Logynon 21 Microgynon 30 Neogynon 21 Microgynon 21 Microgynon 30 (3 x 21) Neogynon 3 x 21</p> <p>Wyeth Ayerst USA Lo Femenal 28 Lo Gentrol 28</p> <p>Ovrette Ovral 28</p> <p>Wyeth Germany Nordette 28 Ovral 28 Nordiol 28</p> <p>Nordette 21</p> <p>Trinordial 28</p> <p>Microval 35</p> <p>Gedeon Richter Rigevidon Ovidon</p> <p>Tri Regol</p>	<p>5 years</p> <p>3 years</p> <p>5 years</p>	<p>No information available</p> <p>Blue Lady brand rectangular packaging inner boxes of 100 blister packs</p> <p>Breastfeeding Lady brand rectangular packaging inner boxes of 100 blister packs</p> <p>No information available</p> <p>Blue Lady brand rectangular packaging inner packs of 3 blister packs</p> <p>Circle shaped packaging inner boxes of 100 blister packs</p> <p>Inner packs of 3 monthly cycles</p> <p>Inner packs of 3 monthly cycles</p> <p>Inner packs of 3 monthly cycles</p> <p>No information available</p>	<p>No information available</p> <p>24 inner boxes per carton (2 400 cycles)</p> <p>16 inner boxes per carton (1 600 cycles)</p> <p>No information available</p> <p>880 inner boxes per carton (2 640 cycles)</p> <p>24 inner boxes per carton (2 400 cycles)</p> <p>1 200 cycles per carton</p> <p>200 inner boxes per carton (600 cycles)</p> <p>200 inner boxes per carton (600 cycles)</p> <p>400 cycles per carton</p> <p>700 cycles per carton</p> <p>36 inner boxes per carton</p> <p>22 inner boxes per carton</p>	<p>No information available</p> <p>2 5 ft³ (07 m³) 30 9 lbs (14 kg)</p> <p>1 4 ft³ (04 m³) 23 4 lbs (10 6 kg)</p> <p>No information available</p> <p>3 9 ft³ (11 m³) 44 1 lbs (20 kg)</p> <p>3 2 ft³ (09 m³) 41 2 lbs (18 7 kg)</p> <p>1 4 ft³ (04 m³) 17 lbs (7 7 kg)</p> <p>1 1 ft³ (03 m³) 11 lbs (4 8 kg)</p> <p>1 0 ft³ (02 m³) 10 6 lbs (4 8 kg)</p> <p>1 0 ft³ (02 m³) 8 6 lbs (3 9 kg)</p> <p>1 1 ft³ (03 m³) 8 4 lbs (3 8 kg)</p> <p>11 02 lbs (5 0 kg)</p> <p>3 9 ft³ (11 m³) 50 7 lbs (23 kg)</p> <p>1 4 ft³ (04 m³) 30 9 lbs (14 kg)</p>

REFERENCES FOR ADDITIONAL INFORMATION

References with Information Specific to Oral Contraceptives	General References on Contraceptive Methods/Issues (All available free of charge)
<p><i>Contraceptive Technology</i> Sixteenth Revised Edition Irvington Publishers Inc New Hampshire USA 1994</p> <p><i>Directory of Hormonal Contraceptives</i> London International Planned Parenthood Federation 1988</p> <p><i>Population Reports</i> Lower Dose Pills Series A No 7 Johns Hopkins University Population Information Program Baltimore MD USA (November 1988)</p>	<p><i>IPPF Medical Bulletin</i> published every two months by International Planned Parenthood Federation Direct inquiries to IPPF Distribution Unit P O Box 759 Inner Circle Regents Park London NW1 4LQ UNITED KINGDOM</p> <p><i>IPPF Open File</i> published monthly by International Planned Parenthood Federation Direct inquiries to Information Services Office International Planned Parenthood Federation (IPPF) Regents College Inner Circle Regents Park London NW1 4NS UNITED KINGDOM</p> <p><i>Network</i> published quarterly by Family Health International Direct inquiries to Network Family Health International P O Box 13950 Research Triangle Park NC 27709 USA</p> <p><i>Outlook</i> published quarterly by Program for Appropriate Technology in Health (PATH) Direct inquiries to Outlook PATH 4 Nickerson Street Seattle WA 98109 1699 USA</p> <p><i>Population Reports</i> published by the Population Information Program of The Johns Hopkins University Direct inquiries to Population Reports Population Information Program The Johns Hopkins University 111 Market Place Suite 310 Baltimore MD 21202 USA</p> <p>World Health Organization series of technical guidelines for the provision of contraceptive services Direct inquiries to Maternal and Child Health/Family Planning World Health Organization 1211 Geneva 27 SWITZERLAND</p>

IUDs

Visual Indicators of Potential Quality Problems	Special Considerations	Donor/Manufacturer/ Brand	Shelf Life	Primary/Secondary Packaging Presentation	Units per Shipping Carton	Dimensions & Weight of Carton
<ul style="list-style-type: none"> Physical damage to shipping carton Physical damage to inner box Physical damage to unit package (break in package seal) Presence of foreign matter inside unit package Labeling incorrect missing or illegible (especially product or brand lot and batch numbers expiration and/or manufacture date manufacturer's name) Missing product information sheet use instructions or manufacturer's name and address Any missing or excess components Misshapen components <p>RECOMMENDED STORAGE CONDITIONS</p> <p>Store at room temperature (15-30 C 59 86° F) protect from excessive moisture and direct sunlight</p>	<p>For individually packaged devices expiration date on package refers to sterility of product assuming packaging not damaged</p> <ul style="list-style-type: none"> IUDs should be protected from heat and direct sunlight Any break or perforation of sterile package makes product non sterile Copper IUDs sometimes tarnish copper tarnish does not affect IUD efficacy or safety and does not indicate that package seal has been broken 	<p>USAID</p> <p>FEIProducts Inc Copper T 380A</p>	<p>7 years</p>	<p>IUDs individually packaged with inserter in a polyethylene pouch sterilized 25 IUDs per inner box</p> <p>Minimum order 1 shipping carton</p>	<p>200 IUDs per carton</p>	<p>1 5 ft³ (04 m³) 12lbs (5 5 kg)</p>
	<p>Shelf life should not be confused with use life for example FEI Products Inc Copper T 380As inserted at any time during their shelf life (7 years from date of manufacture) have a use life that is 10 years from the date of insertion</p> <ul style="list-style-type: none"> Because different brands may have different insertion instructions it is essential that all devices be clearly labeled <p>IUD insertion requires specialized equipment disinfectant and a supply of sterile gloves cotton gauze and sponges</p>	<p>IPPF</p> <p>Leiras Nova T</p> <p>Manufacturer varies Copper T 380A Copper T 200B</p> <p>Organon</p> <p>Multiloader Cu 250 (Standard size)</p> <p>Multiloader Cu 250 (Short size)</p> <p>Multiloader Cu 375</p>	<p>Varies according to manufacturer</p>	<p>IUDs individually packaged with inserter sterilized 50 IUDs per inner box</p> <p>IUDs individually packaged with inserter sterilized 50 IUDs per inner box minimum order 7 boxes</p> <p>IUDs individually packaged with inserter sterilized 140 IUDs per inner box</p>	<p>Variable contact IPPF for specifics</p>	<p>Variable contact IPPF for specifics</p>
	<ul style="list-style-type: none"> Signs of water damage to packaging indicates that sterility is compromised such packages should be discarded 	<p>UNFPA</p> <p>Organon Multiloader Cu375 Multiloader Cu250</p> <p>Ortho Canada CopperT 380A CopperT 200</p>	<p>3 years 3 years</p> <p>7 years 7 years</p>	<p>IUDs individually packaged sterilized 100 IUDs per box</p> <p>IUDs individually packaged sterilized 50 IUDs per box 7 boxes per shipping carton</p>	<p>Variable contact UNFPA for specifics</p> <p>350 units per carton</p>	<p>Variable contact UNFPA for specifics</p> <p>2 3 ft³ (7 m³) (5 0 kg) 12lbs</p>

REFERENCES FOR ADDITIONAL INFORMATION

References with Information Specific to IUDs	General References on Contraceptive Methods/Issues (All available free of charge)
<p><i>Contraceptive Technology</i> Sixteenth Revised Edition Irvington Publishers Inc New Hampshire USA 1994</p> <p><i>Intrauterine Contraception</i> International Planned Parenthood Federation London International Planned Parenthood Federation 1991</p> <p><i>Intrauterine Devices: Their Role in Family Planning Care</i> World Health Organization Geneva World Health Organization 1982</p> <p><i>Population Reports</i> IUDs – A New Look Series B Number 5 Johns Hopkins University Population Information Program Baltimore MD USA (March 1988 reprinted 1989)</p> <p>"Tamished Copper IUDs Still Safe and Effective" <i>Network</i> 10(4) Research Triangle Park North Carolina USA 1989</p>	<p><i>IPPF Medical Bulletin</i> published every two months by International Planned Parenthood Federation Direct inquiries to IPPF Distribution Unit P O Box 759 Inner Circle Regent's Park London NW1 4LQ UNITED KINGDOM</p> <p><i>IPPF Open File</i> published monthly by International Planned Parenthood Federation Direct inquiries to Information Services Office International Planned Parenthood Federation (IPPF) Regent's College Inner Circle Regent's Park London NW1 4NS UNITED KINGDOM</p> <p><i>Network</i> published quarterly by Family Health International Direct inquiries to Network Family Health International P O Box 13950 Research Triangle Park NC 27709 USA</p> <p><i>Outlook</i> published quarterly by Program for Appropriate Technology in Health (PATH) Direct inquiries to Outlook PATH 4 Nickerson Street Seattle WA 98109-1699 USA</p> <p><i>Population Reports</i> published by the Population Information Program of The Johns Hopkins University Direct inquiries to Population Reports Population Information Program The Johns Hopkins University 111 Market Place Suite 310 Baltimore MD 21202 USA</p> <p>World Health Organization series of technical guidelines for the provision of contraceptive services Direct inquiries to Maternal and Child Health/Family Planning World Health Organization 1211 Geneva 27 SWITZERLAND</p>

INJECTABLE CONTRACEPTIVES

Visual Indicators of Potential Quality Problems	Special Considerations	Donor/Manufacturer/ Brand	Shelf Life	Primary/Secondary Packaging Presentation	Units per Shipping Carton	Dimensions & Weight of Carton
<p>Physical damage to shipping carton</p> <p>Physical damage to inner box</p> <p>Physical damage to ampoule/vial (break in package seal)</p> <p>Presence of foreign matter inside ampoule/vial</p> <p>Labeling incorrect missing or illegible (especially product or brand lot and batch numbers expiration and/or manufacture date manufacturer's name)</p> <p>Missing product information sheet use instructions or manufacturer's name and address</p> <ul style="list-style-type: none"> For aqueous suspensions solid material remaining on bottom of glass vial/ampoule after vigorous shaking indicates product should not be used (separation occurs normally but shaking vial vigorously should re suspend solution) <p>RECOMMENDED STORAGE CONDITIONS</p> <p>Store at room temperature (15 30 C 59 86 F) away from direct sunlight</p> <p>Injectables must always be stored upright</p>	<p>All injectables require a sterile syringe and 21 23 gauge needle for administration adequate supplies should be available</p> <p>Storage temperature is critical to product stability oil based solutions can become rancid at elevated temperatures particle size in aqueous suspensions can change with temperature fluctuations affecting drug efficacy follow manufacturer's recommendations</p> <ul style="list-style-type: none"> NET EN (active ingredient norethindrone enanthate) oil based solution 2 month use potency DMPA/MPA (active ingredient medroxyprogesterone acetate) aqueous suspension 3 month use potency Doses per vial vary according to manufacturer brand and product specifications Duration of effectiveness varies by brand USAID signed a contract to begin supplying DEPO PROVERA® in 1994 The shelf life will be extended until a five year shelf life is demonstrated through laboratory analysis Sediment can collect in neck of bottle and it may be difficult to return to solution 	<p>USAID</p> <p>Upjohn DEPO PROVERA® (DMPA) 150 mg Single dose</p>	<p>4 years (Approval for shelf life extension to 5 years expected Fall 1998)</p>	<p>Single dose 1 ml vial 4 trays of 25 vials 100 2 ml disposable syringes with 1½ 21 23 gauge needles are packaged separately within inner shipping carton 4 inner cartons per shipping carton</p> <p>Minimum order 1 shipping carton</p>	<p>400 vials per carton</p>	<p>1 2 ft³ (04 m³) 13 7 lbs (6 2 kg)</p>
		<p>IPPF</p> <p>Organon Megestron (MPA)</p> <p>Schering Noristerat (NET EN)</p> <p>Upjohn DEPO PROVERA® (DMPA) 150 mg Single dose</p>	<p>5 years</p> <p>5 years</p> <p>5 years</p>	<p>Vial 100 vials per box</p> <p>Ampoule 100 single-dose ampoules per inner box minimum order 1 box</p> <p>Vial 100 1 cc vials per inner box minimum order 1 box</p>	<p>Variable contact IPPF for specifics</p> <p>Variable contact IPPF for specifics</p> <p>Variable contact IPPF for specifics</p>	<p>Variable contact IPPF for specifics</p> <p>Variable contact IPPF for specifics</p> <p>Variable contact IPPF for specifics</p>
		<p>UNFPA</p> <p>Organon Megestron (MPA)</p> <p>Schering Noristerat (NET EN)</p> <p>Upjohn DEPO PROVERA® (DMPA)</p> <p>Gedeon Richter Doryxas (NET EN)</p>	<p>5 years</p> <p>5 years</p> <p>5 years</p> <p>5 years</p>	<p>2 ml vial 100 vials per inner box</p> <p>1 ml ampoule 100 ampoules per inner box</p> <p>150 mg/ml vial 100 vials per inner box</p> <p>1 ml ampoule 1 to 10 ampoules per inner box</p>	<p>1 400 vials per carton</p> <p>3 600 ampoules per carton</p> <p>4 000 vials per carton</p> <p>1 000 vials per carton</p>	<p>1 4 ft³ (04 m³) 28 7 lbs (13 0 kg)</p> <p>1 9 ft³ (05 m³) 33 9 lbs (15 4 kg)</p> <p>51 ft³ (0 14 m³) 19 4 lbs (8 8 kg)</p> <p>51 ft³ (0 14m³) 15 2 lbs (6 8 kg)</p>

REFERENCES FOR ADDITIONAL INFORMATION

References with Information Specific to Injectable Contraceptives	General References on Contraceptive Methods/Issues (All available free of charge)
<p><i>Contraceptive Technology</i> Sixteenth Revised Edition Irvington Publishers Inc New Hampshire USA 1994</p> <p><i>Injectable Contraceptives Their Role in Family Planning Care</i> Geneva World Health Organization 1990</p> <p><i>Injectable Hormonal Contraceptives Technical and Safety Aspects</i> WHO Offset Publication No 65 Geneva World Health Organization 1982</p> <p>Kleinman R L ed <i>Hormonal Contraception</i> London International Planned Parenthood Federation 1990</p> <p><i>Population Reports</i> Long Acting Progestins -- Promise and Prospects Series K Number 2 Johns Hopkins University Population Information Program Baltimore MD USA May 1983</p> <p><i>WHOMCH Guidelines on Injectables</i> Geneva World Health Organization 1988</p>	<p><i>IPPF Medical Bulletin</i> published every two months by International Planned Parenthood Federation Direct inquiries to IPPF Distribution Unit P O Box 759 Inner Circle Regent s Park London NW1 4LQ UNITED KINGDOM</p> <p><i>IPPF Open File</i> published monthly by International Planned Parenthood Federation Direct inquiries to Information Services Office International Planned Parenthood Federation (IPPF) Regent s College Inner Circle Regent s Park London NW1 4NS UNITED KINGDOM</p> <p><i>Network</i> published quarterly by Family Health International Direct inquiries to Network Family Health International P O Box 13950 Research Triangle Park NC 27709 USA</p> <p><i>Outlook</i> published quarterly by Program for Appropriate Technology in Health (PATH) Direct inquiries to Outlook PATH 4 Nickerson Street Seattle WA 98109-1699 USA</p> <p><i>Population Reports</i> published by the Population Information Program of The Johns Hopkins University Direct inquiries to Population Reports Population Information Program The Johns Hopkins University 111 Market Place Suite 310 Baltimore MD 21202 USA</p> <p>World Health Organization series of technical guidelines for the provision of contraceptive services Direct inquiries to Maternal and Child Health/Family Planning World Health Organization 1211 Geneva 27 SWITZERLAND</p>

IMPLANTS

Visual Indicators of Potential Quality Problems	Special Considerations	Donor/Manufacturer/ Brand	Shelf Life	Primary/Secondary Packaging Presentation	Units per Shipping Carton	Dimensions & Weight of Carton
<p>Physical damage to shipping carton</p> <p>Physical damage to inner box</p> <p>Physical damage to unit package (break in package seal)</p> <p>Presence of foreign matter inside unit package</p> <p>Labeling incorrect missing or illegible (especially product or brand lot and batch numbers expiration and/or manufacture date manufacturer's name)</p> <p>Unit package missing accompanying product information sheet use instructions or manufacturer's name and address</p> <ul style="list-style-type: none"> Any missing or excess components <p>Broken or bent implants</p> <ul style="list-style-type: none"> Discolored implants (color other than white or off white) <p>RECOMMENDED STORAGE CONDITIONS</p> <p>Store away from excess heat and moisture at a temperature below 30° C</p>	<p>Expiration date on package refers to sterility of product assuming packaging not damaged</p> <p>Shelf life should not be confused with use life implants inserted at any time during their shelf life have a use life that is 5 years from the date of insertion</p> <p>With sterilization or high level disinfection between each procedure trocars can be used for multiple insertions trocars must be checked for sharpness after every 10 procedures and sharpened as necessary even with careful sharpening trocars should never be used for more than 100 insertion procedures</p> <p>Although trocar sterilization between procedures is optimal high level disinfection (HLD) can be used if necessary HLD requires several chemical solutions and a boiled water rinse implant insertion requires other supplies such as sterile syringes and needles local anesthesia surgical drapes adequate supplies of all required items should be available</p>	<p>USAID</p> <p>Leiras Pharmaceuticals NORPLANT® Levonorgestrel Implants</p>	5 years	<p>1 set of NORPLANT® Levonorgestrel Implants contains six implants in a sterile pouch each inner box contains 50 sets of implants 5 non sterile trocars 50 copies of patient instructions and 5 copies of insertion and removal instructions</p> <p>Minimum order 50 sets</p>	Accept and ship orders in multiples of 50 NORPLANT® sets	<p>Shipping carton dimensions and weight vary according to size of each order</p> <p>Inner carton of 50 sets 0.8 ft³ (0.23m³) 2.1 lbs (95kg)</p>
		<p>IPPF</p> <p>Leiras Pharmaceuticals NORPLANT® Levonorgestrel Implants</p>	5 years	<p>1 set of NORPLANT® Levonorgestrel Implants contains six implants in a sterile pouch 10 sets per inner box minimum order 200 sets</p>	Variable contact IPPF for specifics	Variable contact IPPF for specifics
		<p>UNFPA</p> <p>Leiras Pharmaceuticals NORPLANT® Levonorgestrel Implants</p>	5 years	<p>1 set of NORPLANT® Levonorgestrel Implants contains six implants in a sterile pouch inner boxes may contain 1 set or 10 sets of implants</p>	<p>Cartons may contain</p> <p>a) 10 inner boxes (100 sets)</p> <p>b) 100 inner boxes (100 sets)</p> <p>c) 100 inner boxes (1 000 sets) or</p> <p>d) 1 000 inner boxes (1 000 sets) in a double carton</p>	<p>a) 7 ft³ (0.2 m³) 2.2 lbs (1 kg)</p> <p>b) 2.3 ft³ (0.6 m³) 5.5 lbs (2.5 kg)</p> <p>c) 2.3 ft³ (0.6 m³) 22.1 lbs (10 kg)</p> <p>d) 4.1 ft³ (1.2 m³) 50.7 lbs (23 kg)</p>

REFERENCES FOR ADDITIONAL INFORMATION

References for Information Specific to Implants	General References on Contraceptive Methods/Issues (All available free of charge)
<p><i>Contraceptive Technology</i> Sixteenth Revised Edition Irvington Publishers Inc New Hampshire USA 1994</p> <p><i>Norplant Contraceptive Subdermal Implants Managerial and Technical Guidelines</i> Geneva World Health Organization 1990</p> <p><i>Norplant Guidelines for Family Planning Service Programs A Problem Solving Reference Manual</i> Noel McIntosh Penelope Riseborough Chris Davis Editors Baltimore JHPIEGO Corporation 1993</p> <p><i>Norplant Worldwide</i> published twice a year by the Population Council with support from USAID Direct inquiries to The Population Council One Dag Hammarskjold Plaza New York NY 10017</p> <p><i>Population Reports</i> Long Acting Progestins -- Promise and Prospects Series K Number 2 Johns Hopkins University Population Information Program Baltimore MD USA May 1983</p> <p>Tietjen L G and McIntosh N Infection Control in Family Planning Facilities <i>Outlook</i> 7 2-8 (June 1989)</p>	<p><i>IPPF Medical Bulletin</i> published every two months by International Planned Parenthood Federation Direct inquiries to IPPF Distribution Unit P O Box 759 Inner Circle Regent s Park London NW1 4LQ UNITED KINGDOM</p> <p><i>IPPF Open File</i> published monthly by International Planned Parenthood Federation Direct inquiries to Information Services Office International Planned Parenthood Federation (IPPF) Regent s College Inner Circle Regent s Park London NW1 4NS UNITED KINGDOM</p> <p><i>Network</i> published quarterly by Family Health International Direct inquiries to <i>Network</i> Family Health International P O Box 13950 Research Triangle Park NC 27709 USA</p> <p><i>Outlook</i> published quarterly by Program for Appropriate Technology in Health (PATH) Direct inquiries to <i>Outlook</i> PATH 4 Nickerson Street Seattle WA 98109-1699 USA</p> <p><i>Population Reports</i> published by the Population Information Program of The Johns Hopkins University Direct inquiries to <i>Population Reports</i> Population Information Program The Johns Hopkins University 111 Market Place Suite 310 Baltimore MD 21202 USA</p> <p>World Health Organization series of technical guidelines for the provision of contraceptive services Direct inquiries to Maternal and Child Health/Family Planning World Health Organization 1211 Geneva 27 SWITZERLAND</p>

SPERMICIDAL/VAGINAL BARRIER METHODS 1

Visual Indicators of Potential Quality Problems	Special Considerations	Donor/Manufacturer/ Brand	Shelf Life	Primary/Secondary Packaging Presentation	Units per Shipping Carton	Dimensions & Weight of Carton
<p>Physical damage to shipping carton</p> <p>Physical damage to inner box</p> <p>Physical damage to unit package (break in package seal)</p> <p>Presence of foreign matter inside unit package</p> <p>Labeling incorrect missing or illegible (especially product or brand lot and batch numbers expiration and/or manufacture date manufacturer's name)</p> <ul style="list-style-type: none"> Missing use instructions or manufacturer's name and address <p>VAGINAL FOAMING TABLETS</p> <ul style="list-style-type: none"> Tablets broken Tablets discolored (should be white to off white) Tablets soft or crumbly (should be hard) Puffy packages <p>FOAM</p> <ul style="list-style-type: none"> Dented can <p>DIAPHRAGMS</p> <ul style="list-style-type: none"> Hole(s) in device Package seal broken Discoloration <p>JELLIES</p> <ul style="list-style-type: none"> Tube wrinkled or leaking <p>RECOMMENDED STORAGE CONDITIONS</p> <p>Store at room temperature (15 30 C 59 86 F)</p>	<p>VAGINAL FOAMING TABLETS</p> <p>Some tablets are individually wrapped others packaged in tubes</p> <p>FOAM</p> <p>Cans should be stored in upright position</p> <p>DIAPHRAGMS</p> <p>Must be used with spermicidal cream or jelly sufficient supplies of these commodities should be available</p> <p>Made of latex do not expose to direct sunlight extreme temperatures or ozone</p> <p>Must be sized for user by health care provider</p> <p>JELLIES</p> <p>In most cases an applicator is required for use sufficient supplies should be available</p> <p>SUPPOSITORIES</p> <p>Melt at elevated temperatures can be re hardened by refrigeration with no loss in potency</p>	<p>USAID</p> <p>VAGINAL FOAMING TABLETS</p> <p>Ortho Flower or Conceptrol</p>	5 years	Moisture proof/sealed packages of polyethylene and aluminum laminated strips 20 strips of 5 individually wrapped tablets are packaged in inner boxes of 100 Minimum order 1 shipping carton	4 800 tablets per carton	2 4 ft ³ (07m ³) 21 lbs (9 5kgs)
		<p>IPPF</p> <p>VAGINAL FOAMING TABLETS</p> <p>Eisai Neo Sampoo</p> <p>FOAM</p> <p>Ortho UK/USA Delfen Foam</p> <p>DIAPHRAGMS</p> <p>Ortho USA</p> <p>JELLIES</p> <p>Holland Rantos Co Koromex II Applicator</p> <p>Ortho UK/USA Ortho Gynol II Applicator</p> <p>Schmid Ramses Jelly Applicator</p> <p>SUPPOSITORIES</p> <p>Ortho UK/USA Ortho forms</p> <p>Syntex Staycept</p>	3 years	20 tablets per tube	<p>Tube with applicator 72 cans per inner box</p> <p>Individually packaged in cardboard box 12 units per inner box</p> <p>Tube 72 tubes per inner box Single 24 applicators per inner box</p> <p>Tube 72 tubes per inner box Single 24 applicators per inner box</p> <p>Tube Single</p> <p>15 suppositories per box 10 boxes per inner box</p> <p>10 suppositories per box 10 boxes per inner box</p>	Variable contact IPPF for specifics

SPERMICIDAL/VAGINAL BARRIER METHODS 2

Visual Indicators of Potential Quality Problems	Special Considerations	Donor/Manufacturer/ Brand	Shelf Life	Primary/Secondary Packaging Presentation	Units per Shipping Carton	Dimensions & Weight of Carton (if known)
<ul style="list-style-type: none"> • Physical damage to shipping carton Physical damage to inner box Physical damage to unit package (break in package seal) Presence of foreign matter inside unit package • Labeling incorrect missing or illegible (especially product or brand lot and batch numbers expiration and/or manufacture date manufacturer's name) • Missing use instructions or manufacturer's name and address <p>VAGINAL FOAMING TABLETS</p> <ul style="list-style-type: none"> • Tablets broken • Tablets discolored (should be white to off white) • Tablets soft or crumbly (should be hard) • Puffy packages <p>FOAM</p> <ul style="list-style-type: none"> • Dented can <p>DIAPHRAGMS</p> <ul style="list-style-type: none"> • Hole(s) in device Package seal broken Discoloration <p>JELLIES</p> <ul style="list-style-type: none"> • Tube wrinkled or leaking <p>RECOMMENDED STORAGE CONDITIONS</p> <p>Store at room temperature (15 30° C 59-86 F)</p>	<p>VAGINAL FOAMING TABLETS Some tablets are individually wrapped others packaged in tubes</p> <p>FOAM Cans should be stored in upright position</p> <p>DIAPHRAGMS Must be used with spermicidal cream or jelly sufficient supplies of these commodities should be available</p> <p>Made of latex do not expose to direct sunlight extreme temperatures or ozone</p> <p>Must be sized for user by health care provider</p> <p>JELLIES In most cases an applicator is required for use sufficient supplies should be available</p> <p>SUPPOSITORIES Melt at elevated temperatures can be re-hardened by refrigeration with no loss in potency</p>	<p>UNFPA</p> <p>VAGINAL FOAMING TABLETS Eisar Neo Sampooon</p> <p>FOAM Ortho UK/USA Delfen Foam</p> <p>DIAPHRAGMS Ortho UK/USA</p> <p>JELLIES Ortho UK/USA Ortho-Gynol II</p>	<p style="text-align: center;">3 years</p>	<p>20 tablets per tube 20 tubes per inner box 8 inner boxes per shipping carton</p> <p>Can 12 cans per inner box</p> <p>Individually packaged in cardboard box</p> <p>Tube 12 tubes per box</p>	<p>3 200 tablets per carton</p>	<p>6 ft² (02 m²) 12 8 lbs (5 8 kg)</p> <p>Variable contact UNFPA for specifics</p>

REFERENCES FOR ADDITIONAL INFORMATION

References with Information Specific to Spermicides/Barrier Methods	General References on Contraceptive Methods/Issues (All available free of charge)
<p><i>Barrier Contraceptives and Spermicides: Their Role in Family Planning Care</i> Geneva World Health Organization 1987</p> <p>Bird K D The use of spermicide containing nonoxynol 9 in the prevention of HIV infection <i>AIDS Forschung</i> 2 85 86 (1987)</p> <p>Contraceptive Technology Sixteenth Revised Edition Irvington Publishers Inc New Hampshire USA 1994</p> <p>Detels R <i>Final Report Primary Prevention Trial of Barrier Contraceptives Against HTLV III Infections</i> Rockville National Institute for Child Health and Human Development (Contract NO1-62934) (1989)</p> <p>Feldblum P J et al Condoms spermicides and the transmission of HIV a review of the literature <i>American Journal of Public Health</i> 78 52 54 (1988)</p> <p>Lamptey P Barrier contraceptives and the interaction between HIV and other STDs In <i>Heterosexual Transmission of AIDS Proceedings of the Second Contraceptive Research and Development Conference (CONRAD) Norfolk February 1989</i> Alexander N et al eds New York Wiley Liss pp 255 265 (1990)</p> <p>Lamptey P et al Condom issues in AIDS prevention in Africa <i>AIDS</i> 5 (supplement 1) S183 S191 (1991)</p> <p>Niruthisard S et al The effects of frequent nonoxynol 9 use on the vaginal and cervical mucosa <i>Sexually Transmitted Disease</i> 18 176 179 (1991)</p> <p><i>Population Reports</i> New Developments in Vaginal Contraception Series H Number 7 (January February 1984)</p> <p><i>Population Reports</i> Spermicides -- Simplicity and Safety are Major Assets Series H Number 5 (September 1979)</p> <p>Voeller B Spermicides an additional potential barrier to the sexual spread of the AIDS virus LAV/HTLV III <i>Manpossa Occasional Paper</i> 4B 1 8 (May 1985)</p>	<p><i>IPPF Medical Bulletin</i> published every two months by International Planned Parenthood Federation Direct inquiries to</p> <p>IPPF Distribution Unit P O Box 759 Inner Circle Regent s Park London NW1 4LQ UNITED KINGDOM</p> <p><i>IPPF Open File</i> published monthly by International Planned Parenthood Federation Direct inquiries to</p> <p>Information Services Office International Planned Parenthood Federation (IPPF) Regent s College Inner Circle Regent s Park London NW1 4NS UNITED KINGDOM</p> <p><i>Network</i> published quarterly by Family Health International Direct inquiries to</p> <p><i>Network</i> Family Health International P O Box 13950 Research Triangle Park NC 27709 USA</p> <p><i>Outlook</i> published quarterly by Program for Appropriate Technology in Health (PATH) Direct inquiries to</p> <p><i>Outlook</i> PATH 4 Nickerson Street Seattle WA 98109 1699 USA</p> <p><i>Population Reports</i> published by the Population Information Program of The Johns Hopkins University Direct inquiries to</p> <p><i>Population Reports</i> Population Information Program The Johns Hopkins University 111 Market Place Suite 310 Baltimore MD 21202 USA</p> <p>World Health Organization series of technical guidelines for the provision of contraceptive services Direct inquiries to</p> <p>Maternal and Child Health/Family Planning World Health Organization 1211 Geneva 27 SWITZERLAND</p>