

Checklist for Screening Clients Who Want to Initiate DMPA (or NET-EN)*

Research findings have established that depot medroxyprogesterone acetate (DMPA) and norethisterone enantate (NET-EN) are safe and effective for use by most women, including those who are at risk of sexually transmitted infections (STIs) and those living with, or at risk of, HIV infection. For some women, DMPA is usually not recommended because of the presence of certain medical conditions, such as breast cancer or most types of liver tumors. For these reasons, women who desire to use DMPA must be screened for certain medical conditions to determine if they are appropriate candidates.



The Ministry of Public Health and Sanitation, Division of Reproductive Health (DRH), in collaboration with Family Health International (FHI), has developed this simple checklist (see center spread) to help health care providers screen clients who were counseled about contraceptive options and made an informed decision to use DMPA. This checklist is a revised version of the *Checklist for Screening Clients Who Want to Initiate DMPA (or NET-EN)* produced in 2007. Changes reflected in this version are based on the recently revised recommendations of the *Medical Eligibility Criteria for Contraceptive Use, 4th edition* (WHO, 2009) as advised by research over the past several years, and the *National Family Planning Guidelines for Service Providers* (DRH, 2010).

The checklist is designed for use by clinical health care providers including medical doctors, nurses, midwives, and clinical officers. It consists of 14 questions and provides guidance based on clients' responses. The first eight questions are designed to identify medical conditions that would prevent safe DMPA or NET-EN use or require further evaluation. Clients who are ruled out because of their response to some of the medical eligibility questions may still be good candidates for DMPA if the suspected condition can be excluded through appropriate evaluation. The last six questions enable providers to determine with reasonable certainty that a woman is not pregnant before initiating the method.

This checklist is part of a series of provider checklists for reproductive health services. The other checklists include the *Checklist for Screening Clients Who Want to Initiate Combined Oral Contraceptives*, the *Checklist for Screening Clients Who Want to Initiate Use of the Copper IUCD*, the *Checklist for Screening Clients Who Want to Initiate Contraceptive Implants*, and the *Checklist on How to be Reasonably Sure a Client is Not Pregnant*. For more information about the provider checklists, please visit Kenya Ministry of Health and Sanitation, DRH Web site at www.drh.go.ke.

* For the purposes of this checklist, all references to DMPA also apply to NET-EN.

Assessing Medical Eligibility for DMPA or NET-EN

1. Have you ever been told you have breast cancer?

This question is intended to identify women who know they have had or currently have breast cancer. These women are not good candidates for DMPA because breast cancer is a hormone-sensitive tumor, and DMPA use may adversely affect the course of the disease. Women with an undiagnosed breast lump can initiate DMPA while having the lump evaluated. If diagnosed with benign breast disease, DMPA use may be continued. If diagnosed with breast cancer, DMPA use should be discontinued.

2. Have you ever had a stroke or heart attack, or do you currently have a blood clot in your legs or lungs?

This question is intended to identify women with already known serious vascular disease, not to determine whether women might have an undiagnosed condition.

Women with these conditions usually experience acute symptoms, which prompt them to seek health care. For this reason, they would likely be aware of the condition and would answer "yes." Because DMPA use may make these conditions worse, answering "yes" to the question means that the woman is not a good candidate for DMPA. However, women on established anticoagulant therapy generally can use DMPA.

3. Do you have a serious liver disease or jaundice (yellow skin or eyes)?

This question is intended to identify women who know that they currently have a serious liver disease such as severe cirrhosis, malignant liver tumors, or benign



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liver tumors, with the exception of focal nodular hyperplasia (a tumor that consists of scar tissue and normal liver cells). Women with these conditions should not use DMPA because the hormone used in DMPA is processed by the liver and may further compromise liver function. Women with other liver problems, such as acute or chronic hepatitis, can use DMPA safely.

4. Have you ever been told you have diabetes (high sugar in your blood)?

This question is intended to identify women who know that they have diabetes, not to assess whether they may have an undiagnosed condition. Women who have had diabetes for 20 years or longer, or those with vascular complications, should generally not use DMPA because of the increased risk of blood clots. Evaluate or refer for evaluation as appropriate and, if these complications are absent, the woman may still be a good candidate for DMPA.

5. Have you ever been told you have high blood pressure?

This question is intended to identify women who may have high blood pressure. These women should be evaluated or referred for evaluation as appropriate. Based on evaluation, women with blood pressure levels of 160/100 Hg or more should not initiate DMPA.

6. Do you have bleeding between menstrual periods, which is unusual for you, or bleeding after intercourse (sex)?

This question is intended to identify women who may have an underlying pathological condition. While these conditions are not directly affected by DMPA, changes in bleeding patterns, which are common among DMPA users, could make such conditions harder to diagnose. Unusual, unexplained bleeding changes may indicate infection or cancer that should be evaluated without delay or treated by a higher-level health care provider. DMPA use should be postponed until the condition can be evaluated. In contrast, women for whom heavy, prolonged, or irregular bleeding constitutes their usual bleeding pattern may initiate and use DMPA safely.

7. Have you ever been told that you have a rheumatic disease, such as lupus?

This question is intended to identify women who have been diagnosed with systemic lupus disease. Women who have systemic lupus disease and who are not on immunosuppressive treatment should not use DMPA, due to concerns about a possible increased risk of thrombosis.

8. Are you currently breastfeeding a baby less than four weeks old?

This question is included because of the theoretical concern that hormones in breast milk can have an adverse effect on a newborn during the first four weeks after birth. A breastfeeding woman can initiate DMPA four weeks after her baby is born.

Determining Current Pregnancy

Questions 9–14 are intended to help a provider determine, with reasonable certainty, whether a client is not pregnant. If a client answers “yes” to any of these questions and there are no signs or symptoms of pregnancy, it is highly likely that she is not pregnant. The client can start DMPA now.

If the client is within 7 days of the start of her menstrual bleeding, she can start the method immediately. No back-up method is needed.

If it has been more than 7 days since her first day of bleeding, she can start DMPA immediately but must use a back-up method (i.e., using a condom or abstaining from sex) for 7 days to ensure adequate time for the DMPA to become effective.

If you cannot determine with reasonable certainty that your client is not pregnant (using the checklist), and if you do not have access to a pregnancy test, then she needs to wait until her next menstrual period begins before starting DMPA. She should be given condoms to use in the meantime.

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To determine if the client is medically eligible to use DMPA, ask questions 1–8. As soon as the client answers **YES** to *any question*, stop, and follow the instructions after question 8.

| | | |
|----|---|-----|
| NO | 1. Have you ever been told you have breast cancer? | YES |
| NO | 2. Have you ever had a stroke or heart attack, or do you currently have a blood clot in your legs or lungs? | YES |
| NO | 3. Do you have a serious liver disease or jaundice (yellow skin or eyes)? | YES |
| NO | 4. Have you ever been told you have diabetes (high sugar in your blood)? | YES |
| NO | 5. Have you ever been told you have high blood pressure? | YES |
| NO | 6. Do you have bleeding between menstrual periods, which is unusual for you, or bleeding after intercourse (sex)? | YES |
| NO | 7. Have you ever been told that you have a rheumatic disease such as lupus? | YES |
| NO | 8. Are you currently breastfeeding a baby less than 4 weeks old? | YES |

If the client answered **NO** to *all of questions 1–8*, the client can use DMPA. Proceed to questions 9–14.

If the client answered **YES** to *question 1*, she is not a good candidate for DMPA. Counsel about other available methods or refer.

If the client answered **YES** to *any of questions 2–7*, DMPA cannot be initiated without further evaluation. Evaluate or refer as appropriate, and give condoms to use in the meantime. See explanations for more instructions.

If the client answered **YES** to *question 8*, instruct her to return for DMPA as soon as possible after the baby is four weeks old.

Ask questions 9–14 to be reasonably sure that the client is not pregnant. As soon as the client answers **YES** to *any question*, stop, and follow the instructions after question 14.

| | | |
|-----|---|----|
| YES | 9. Did your last menstrual period start within the past 7 days? | NO |
| YES | 10. Did you have a baby less than 6 months ago, are you fully or nearly-fully breastfeeding, and have you had no menstrual period since then? | NO |
| YES | 11. Have you abstained from sexual intercourse since your last menstrual period or delivery? | NO |
| YES | 12. Have you had a baby in the last 4 weeks? | NO |
| YES | 13. Have you had a miscarriage or abortion in the last 7 days? | NO |
| YES | 14. Have you been using a reliable contraceptive method consistently and correctly? | NO |

If the client answered **YES** to *at least one of questions 9–14* and she is free of signs or symptoms of pregnancy, you can be reasonably sure that she is not pregnant. The client can start DMPA now.

If the client began her last menstrual period *within the past 7 days*, she can start DMPA immediately. No additional contraceptive protection is needed.

If the client began her last menstrual period *more than 7 days ago*, she can *be given DMPA now*, but instruct her that she must *use condoms or abstain from sex for the next 7 days*. Give her condoms to use for the next 7 days.

If the client answered **NO** to *all of questions 9–14*, pregnancy cannot be ruled out.

She must use a pregnancy test or wait until her next menstrual period to be given DMPA.

Give her condoms to use in the meantime.

