

मध्य प्रदेश शासन  
लोक स्वास्थ्य एवं परिवार कल्याण विभाग  
मंत्रालय

क्रमांक एफ 12-19/2015/सत्रह/मेडि-1

भोपाल, दिनांक 6/5/2015

प्रति

समस्त जिला समुचित अधिकारी (पी.सी.एंड.पी.एन.डी.टी) एवं जिला कलेक्टर  
मध्य प्रदेश

**विषय:-** पी.सी.एंड.पी.एन.डी.टी अधिनियम के सुचारू क्रियान्वयन हेतु अधिनियम के अंतर्गत पंजीकृत अल्ट्रासोनोग्राफी मशीनों पर ट्रैकर डिवाइस (एक्टिव ट्रैकर/ साइलेंट आब्जर्वर) स्थापित करने हेतु दिशानिर्देश एवं मार्गदर्शिका ।

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सामाजिक रुढ़िवादिता तथा सोनोग्राफी की तकनीकों के दुरुपयोग के कारण शिशु लिंगानुपात की स्थिति चिंताजनक है । वर्ष 2011 के आकड़ों के अनुसार मध्य प्रदेश के शिशु लिंग अनुपात में 14 बिन्दुओं (932-918) की गिरावट आई है । गिरते हुए शिशु लिंग अनुपात को नियंत्रित करने हेतु प्रदेश में जिला एवं राज्य स्तर से पी.सी.एंड.पी.एन.डी.टी अधिनियम के अंतर्गत निरंतर निरीक्षण किया जाना आवश्यक है ।

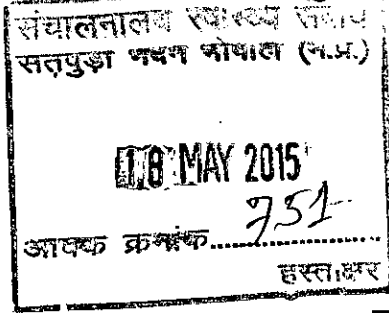
सतत एवं नियमित निरीक्षण हेतु अभिनव रणनीति -ट्रैकर डिवाइस (एक्टिव ट्रैकर/ साइलेंट आब्जर्वर) का समर्थन माननीय बॉम्बे हाई कोर्ट द्वारा **Radiological & Imaging Association v. Uol & Ors**, W.P. No. 797 of 2011 में किया गया है ।

[the instructions sent by the Collector and District Magistrate, Kolhapur requiring the sonologists/persons incharge of ultra-sound machines to install SIOB (popularly known as silent observer) are within the letter and spirit of the Pre-conception and Pre-natal Diagnostic Techniques (Prohibition of Sex Selection) Act and Rules made thereunder] **Radiological & Imaging Association v. Uol & Ors**, W.P. No. 797 of 2011. इस निर्णय के अंतर्गत जिला समुचित प्राधिकारी एवं कलेक्टर द्वारा जिले में पंजीकृत मशीनों पर ट्रैकर डिवाइस स्थापित करने के आदेश को अधिनियम के उद्देश्य के अनुरूप बताया गया है ।

राज्य में चार जिलों में ट्रैकर डिवाइस के माध्यम से अधिनियम का क्रियान्वयन सुनिश्चित किया जा रहा है । इसके अतिरिक्त राजस्थान राज्य के समस्त जिलों में जिला समुचित प्राधिकारी द्वारा पंजीकृत अल्ट्रासोनोग्राफी मशीनों पर ट्रैकर डिवाइस लगवाया जाना सुनिश्चित किया गया है । अतएव, विचार उपरांत, राज्य शासन द्वारा राज्य के प्रत्येक जिले में एक्टिव ट्रैकर डिवाइस स्थापित करने का निर्णय लिया गया है ।

अतः आपको निर्देशित किया जाता है कि एक माह में अपने जिलों में संचालित अल्ट्रासोनोग्राफी मशीनों पर ट्रैकर डिवाइस (एक्टिव ट्रैकर/साइलेंट आब्जर्वर) स्थापित किया जाना सुनिश्चित करें। नवीन पंजीयन एवं पंजीयन के नवनीकरण की प्रक्रिया हेतु ट्रैकर डिवाइस स्थापित किया जाना अनिवार्य होगा। इस हेतु होने वाले व्यय को अल्ट्रासोनोग्राफी केंद्र के संचालको द्वारा वहन किया जायेगा।

संलग्न - ट्रैकर डिवाइस स्थापित करने हेतु मार्गदर्शिका एवं तकनीकी विवरण।



(सूरज डामोर)

सचिव

मध्यप्रदेश शासन

लोक स्वास्थ्य एवं परिवार कल्याण विभाग

भोपाल, दिनांक 6/5/2015

पु.क्रमांक एफ 12-19/2015/सत्रह/मेडि-3

प्रतिलिपि - सूचनार्थ।

1. आयुक्त स्वास्थ्य सेवाय, मध्यप्रदेश शासन, भोपाल।
2. मिशन संचालक, एन.एच.एम. मध्यप्रदेश।
3. संचालक, लोक स्वास्थ्य एवं परिवार कल्याण, मध्यप्रदेश।
4. समस्त, मुख्य चिकित्सा एवं स्वास्थ्य अधिकारी, मध्यप्रदेश।
5. समस्त जिला नोडल अधिकारी, (पी.सी.एंड.पी.एन.डी.टी) मध्यप्रदेश।

सचिव

मध्यप्रदेश शासन

लोक स्वास्थ्य एवं परिवार कल्याण विभाग

(NK)

(PNDP)

19 MAY 2015

HC

No. 23131 PNDP  
231515

DPH&FW No. 85/211-5  
19-5-15

## Technical specifications of Tracking device(s)

Sr.No	
1	It should be able to store data* for the period of 2 years, as per the Pre-Conception & Pre-Natal Diagnostic Techniques (PCPNDT) Act.
2	Every data should be stored in compressed, secured (password-protected), tamper-proof and encrypted form.
3	It should be ensured that stored data be not manipulated or deleted by anyone and should be protected from tampering.
4	It should start continuous recording/storing of data as soon as sonography machine is ON and recording /storing of data should not be controlled through external equipments (e.g. probe, keyboard, remote etc.)
5	For taking backup of the data from tracking device, software application should be provided free-of-cost by the firm/company to the State/District/Sub-Division Appropriate Authority and State PCPNDT Cell. The software should have simple and easy user-interface for taking backup and decryption of data.
6	It should be able to send signal and information (e.g. Hard Disk Drive(HDD)space, No of videos created, Time stamp etc) on every On/Off event of sonography machine (through Short Message Service(SMS)/General Packet Radio Service(GPRS) which can be monitored or reviewed using online web-application/software on real-time basis (secured web-application)
7	It should be able to send Alert SMS to the center owner's registered mobile number on every On/Off event of sonography machine.
8	It should have external viewable indication (Light Emitting Diode (LED) or other) for showing its status (working or non-working).
9	The firm/company should provide the User-id and Password to every center owner to check the online status of the tracking

	device.
10	There should not be manual or remote operated On/Off switch button in the device including SMS/GPRS facility and functioning of device.
11	Brief details like installation date, unique serial no (Sr.no.) HDD Sr.no., data card Sr.no, firm/company help-desk or support desk contact no. & email should be pasted clearly on the top of the device.
12	It should be tightly fitted/sealed with sonography machine in a tamper – proof manner.
13	Each tracking device should have UNIQUE serial number.
14	If HDD Space is full then it should be sealed and kept by Center Owner safely.

**Note:**

(\*) – Continuous video of each and every sonography being done in the sequential manner.

## Guidelines for the monitoring of the tracking device(s)

Sr.No	Guidelines
1	Appropriate Authority will monitor the tracking device.
2	The stored data is to be viewed only by the Appropriate Authority/Authorized Officer(s)
3	The payments/ expenses (e.g., recharge of SMS/GPRS pack, replacement of HDD, repair, Annual Maintenance Contract (AMC)/ Comprehensive Maintenance Contract (CMC) etc) to keep the tracking device operational/ functional is the responsibility of the center owner.
4	<p>The firm/company is bound to visit its tracking device at every sonography center atleast once in three months and on call from the center owner. The support/ technical engineer of the firm/company has to maintain and update the service support register placed by the center at the center in the following format:-</p> <p>(Sr.no./Complaint no./Complaint date/Date of visit/ Complaint details/Action taken to resolve the complaint/Status of tracking device/ Test Report Sr. no./ Name of support or technical engineer/Mobile no. of support or technical engineer/Email of support or technical engineer/ Joint Signature with seal of Support Engineer and Center owner/ Other remarks)</p> <p>On installation/first visit of Support Engineer, details mentioned at point no. 5.a) should be updated on first page of the register.</p>
5	<p>Deliverables by the firm/company to the center owner:-</p> <p>a) Installation report should contain details of the installation date, hospital, sonography machine make/model no./Sr. no., tracking device Sr. no., date card Sr.no., SIM no, SIM Connection (pre/post paid), SMS/GPRS information, HDD Sr.no.,</p>

	<ul style="list-style-type: none"> <li>b) Documents related SIM connection.</li> <li>c) Test report for the successful testing of equipments after installation/service visit with proper tamper-proof sealing.</li> <li>d) Invoice/ Bill should contain tracking device Sr.no.</li> <li>e) Warranty and extended warranty details.</li> <li>f) Agreement for the smooth/ continuous working of the tracking device.</li> <li>g) User-id and password for monitoring online status.</li> <li>h) Alert SMS to the center owner's registered mobile number on every On/Off event of sonography machine and also for timely recharge of SMS.</li> <li>i) Schedule maintenance/visits details.</li> <li>j) User manual with Do's and Don'ts instructions for smooth functioning.</li> <li>k) Contact details and support details of the firm.</li> </ul>
6	<p>Deliverables by the firm/company to the Appropriate Authority:-</p> <ul style="list-style-type: none"> <li>a) Training to the technical staff regarding online web-application/software, backup software, backup of data, decryption software etc.</li> <li>b) Support to the Appropriate Authority as and when required.</li> <li>c) User-id and password for monitoring online status.</li> <li>d) User manual with Do's and Dont's instructions for smooth functioning.</li> <li>e) Contact details and support details of the firm.</li> </ul>
7	<p>In case tracking- device is not- working, down-time could be maximum 48 hrs (for distance less than or upto 250 Kms) and maximum 72 hrs (for</p>

	distance more than 250 Kms) once the complaint is registered/ lodged by the center owner to the firm/company. Center owner must ensure to register/lodge the complaint and firm/company must ensure to acknowledge the 'complaint no and date' to the center owner on the receipt of complaint through suitable mechanism (e.g., Online web application, Email, SMS etc).
8	Firm/company selling the tracking device should ensure to submit the sale records to the Appropriate Authority and State PCPNDT Cell on quarterly basis.
9	Center owner has to ensure the timely recharge of the SIM used in the tracking device. In case the firm/complaint is doing the recharge of the SIM on behalf of center owner then center owner must demand/collect the copy of invoice/bill and deposit/receipt slip on regular basis. It is preferred that the center owner must do the necessary recharge and maintain the record because primary responsibility is of center owner.  IT IS TO BE ENSURED BY THE CENTER OWNER THAT IN NO CASE SIM SHOULD BE INTERRUPTED/DISCONTINUED.
10	If tracking device rate is increased by more than 5% the revised rate of the equipments and services to be finalized only after consultation State Appropriate Authority, Madhya Pradesh.