Lampiran 3

PEMERINTAH KOTA SURABAYA

DINAS KESEHATAN

Jalan Jemursari No. 197 Surabaya 60243

Telp. (031) 8439473, 8439372, Fax. (031) 8483393

SURAT IJIN

SURVEY / PENELITIAN

Nomor : 072 / 3123 / 436.6.3 / 2015

Memperhatikan Surat

Dari	:	Dekan Fakultas Ilmu Kesehatan Universitas Muhammadiyah Surabaya
Nomor	:	040/II.3.AU/F/FIK/2015
Tanggal	:	12 Januari 2015
Hal	:	Penelitian

Dengan ini menyatakan tidak keberatan dilakukan survey / penelitian oleh :

Nama	:	**Suryani**
NIM	:	20120662088
Pekerjaan	:	Mahasiswa Prodi D3 Analis FIK UNMUH Surabaya
Alamat	:	Karanglangit Lamongan
Tujuan Penelitian	:	Menyusun Karya Tulis Ilmiah
Tema Penelitian	:	Gambaran Hasil Pemantapan Mutu Eksternal Parameter
	:	Pemeriksaan SGOT dan SGPT di Puskesmas Wilayah Dinas Kesehatan Kota Surabaya
Lamanya Penelitian	:	Bulan Januari s/d Bulan Pebruari Tahun 2015
Daerah / tempat Penelitian	:	Puskesmas (sesuai daftar terlampir)

Dengan syarat – syarat / ketentuan sebagai berikut :

1. Yang bersangkutan harus mentaati ketentuan-ketentuan/ peraturan yang berlaku dimana dilakukannya kegiatan survey/penelitian.
2. Dilarang menggunakan kuesioner diluar design yang telah ditentukan.
3. Yang bersangkutan sebelum dan sesudah melakukan survey/penelitian harap melaporkan pelaksanaan dan hasilnya kepada Dinas Kesehatan Kota Surabaya.
4. Surat ijin ini akan dicabut/tidak berlaku apabila yang bersangkutan tidak memenuhi syarat-syarat serta ketentuan seperti diatas.

Sehubungan dengan hal tersebut diharapkan kepada Saudara Kepala Puskesmas untuk memberikan bantuan, pengarahan dan bimbingan sepenuhnya.

Demikian atas perhatian Saudara disampaikan terima kasih.

Surabaya, 16 Januari 2015
a.n. KEPALA DINAS
Sekretaris,

PEMERINTAH KOTA SURABAYA DINAS KESEHATAN

Nanik Sukristina,SKM
Pembina
NIP. 197001171994032008

Lampiran 4
Nilai VIS terhadap rerata peserta pemeriksaan SGOT

1. Puskesmas AA

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{30 - 25}{25} \times 100 \quad \rightarrow \quad VIS = \frac{20}{12,5} \times 100 = 160$$

2.Puskesmas BB

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{15 - 25}{25} \times 100 \quad \rightarrow \quad VIS = \frac{-40}{12,5} \times 100 = 320$$

3.Puskesmas CC

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{25 - 23}{23} \times 100 \quad \rightarrow \quad VIS = \frac{8,7}{12,5} \times 100 = 69,56$$

4. Puskesmas DD

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{27 - 25}{25} \times 100 \quad \rightarrow \quad VIS = \frac{8}{12,5} \times 100 = 64$$

5. puskesmas EE

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{23 - 25}{25} \times 100 \quad \rightarrow \quad VIS = \frac{8}{12,5} \times 100 = 64$$

6. Puskesmas FF

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{26 - 25}{25} \times 100 \quad \rightarrow \quad VIS = \frac{4}{12,5} \times 100 = 32$$

7. Puskesmas GG

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{20 - 25}{25} \times 100 \quad \rightarrow \quad VIS = \frac{20}{12,5} \times 100 = 160$$

Lampiran 5

8. Puskesmas HH

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{23 - 25}{25} \times 100 \quad \rightarrow \quad VIS = \frac{8}{12,5} \times 100 = 64$$

9. Puskesmas II

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{31 - 25}{25} \times 100 \quad \rightarrow \quad VIS = \frac{24}{12,5} \times 100 = 192$$

10. Puskesmas JJ

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{36 - 25}{25} \times 100 \quad \rightarrow \quad VIS = \frac{44}{12,5} \times 100 = 352$$

11. Puskesmas KK

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{41 - 25}{25} \times 100 \quad \rightarrow \quad VIS = \frac{64}{12,5} \times 100 = 512$$

12. Puskesmas LL

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{22 - 25}{25} \times 100 \quad \rightarrow \quad VIS = \frac{-12}{12,5} \times 100 = 96$$

13. Puskesmas MM

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{19 - 25}{25} \times 100 \quad \rightarrow \quad VIS = \frac{24}{12,5} \times 100 = 192$$

14. Puskesmas NN

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{17 - 25}{25} \times 100 \quad \rightarrow \quad VIS = \frac{-32}{12,5} \times 100 = 256$$

15. Puskesmas OO

Lampiran 6

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{22 - 25}{25} \times 100 \quad \rightarrow \quad VIS = \frac{12}{12,5} \times 100 = 96$$

Nilai VIS terhadap nilai target serum kontrol Pemeriksaan SGOT

1. Puskesmas AA

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{30 - 29,4}{29,4} \times 100 \quad \rightarrow \quad VIS = \frac{2,04}{12,5} \times 100 = 16,32$$

2.Puskesmas BB

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{15 - 29,4}{29,4} \times 100 \quad \rightarrow \quad VIS = \frac{48,98}{12,5} \times 100 = 391$$

3.Puskesmas CC

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{23 - 29,4}{29,4} \times 100 \quad \rightarrow \quad VIS = \frac{21,8}{12,5} \times 100 = 174$$

4.Puskesmas DD

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{27 - 29,4}{29,4} \times 100 \quad \rightarrow \quad VIS = \frac{8,16}{12,5} \times 100 = 65,30$$

5. Puskesmas EE

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{23 - 29,4}{29,4} \times 100 \quad \rightarrow \quad VIS = \frac{21,8}{12,5} \times 100 = 174$$

6. Puskesmas FF

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{26 - 29,4}{29,4} \times 100 \quad \rightarrow \quad VIS = \frac{11,6}{12,5} \times 100 = 92$$

Lampiran 7

7. Puskesmas GG

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{20 - 29,4}{29,4} \times 100 \quad \rightarrow \quad VIS = \frac{31,9}{12,5} \times 100 = 255,8$$

8. Puskesmas HH

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{23 - 29,4}{29,4} \times 100 \quad \rightarrow \quad VIS = \frac{21,8}{12,5} \times 100 = 174$$

9. Puskesmas II

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{31 - 29,4}{29,4} \times 100 \quad \rightarrow \quad VIS = \frac{5,44}{12,5} \times 100 = 43,53$$

10. Puskesmas JJ

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{36 - 29,4}{29,4} \times 100 \quad \rightarrow \quad VIS = \frac{22,44}{12,5} \times 100 = 179,6$$

11. Puskesmas KK

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{41 - 29,4}{29,4} \times 100 \quad \rightarrow \quad VIS = \frac{39,45}{12,5} \times 100 = 315,6$$

12. Puskesmas LL

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{22 - 29,4}{29,4} \times 100 \quad \rightarrow \quad VIS = \frac{25,17}{12,5} \times 100 = 201,36$$

13. Puskesmas MM

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{19 - 29,4}{29,4} \times 100 \quad \rightarrow \quad VIS = \frac{35,37}{12,5} \times 100 = 283$$

Lampiran 8

14. Puskesmas NN

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{17 - 29,4}{29,4} \times 100 \quad \rightarrow \quad VIS = \frac{42,17}{12,5} \times 100 = 337,4$$

15. Puskesmas OO

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{22 - 29,4}{29,4} \times 100 \quad \rightarrow \quad VIS = \frac{25,17}{12,5} \times 100 = 201,36$$

Nilai VIS terhadap rerata peserta pemeriksaan SGPT

1.Puskesmas AA

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{28 - 29,4}{29,4} \times 100 \quad \rightarrow \quad VIS = \frac{4,7}{17,3} \times 100 = 27,5$$

2.Puskesmas BB

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{38 - 29,4}{29,4} \times 100 \quad \rightarrow \quad VIS = \frac{30,61}{17,3} \times 100 = 169,08$$

3. Puskesmas CC

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{27 - 29,4}{29,4} \times 100 \quad \rightarrow \quad VIS = \frac{8,16}{17,3} \times 100 = 47,18$$

4.Puskesmas DD

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{30 - 29,4}{29,4} \times 100 \quad \rightarrow \quad VIS = \frac{2,04}{17,3} \times 100 = 11,8$$

5. Pusksmas EE

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

Lampiran 9

$$V = \frac{27 - 29,4}{29,4} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{8,16}{17,3} \text{ x } 100 = 47,18$$

6. Puskesmas FF

$$V = \frac{X1 - X2}{X2} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \text{ x } 100$$

$$V = \frac{22 - 29,4}{29,4} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{25,51}{17,3} \text{ x } 100 = 145,49$$

7. Puskesmas GG

$$V = \frac{X1 - X2}{X2} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \text{ x } 100$$

$$V = \frac{22 - 29,4}{29,4} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{25,51}{17,3} \text{ x } 100 = 145,49$$

8. Puskesmas HH

$$V = \frac{X1 - X2}{X2} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \text{ x } 100$$

$$V = \frac{28 - 29,4}{29,4} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{4,76}{12,5} \text{ x } 100 = 27,5$$

9. Puskesmas II

$$V = \frac{X1 - X2}{X2} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \text{ x } 100$$

$$V = \frac{30 - 29,4}{29,4} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{2,04}{17,3} \text{ x } 100 = 11,8$$

10. Puskesmas JJ

$$V = \frac{X1 - X2}{X2} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \text{ x } 100$$

$$V = \frac{40 - 29,4}{29,4} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{36,05}{17,3} \text{ x } 100 = 208,40$$

11. Puskesmas KK

$$V = \frac{X1 - X2}{X2} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \text{ x } 100$$

$$V = \frac{43 - 29,4}{29,4} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{46,25}{17,3} \text{ x } 100 = 267,39$$

12. Puskesmas LL

$$V = \frac{X1 - X2}{X2} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \text{ x } 100$$

Lampiran 10

$$V = \frac{21 - 29,4}{29,4} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{28,57}{17,3} \text{ x } 100 = 165,15$$

13. Puskesmas MM

$$V = \frac{X1 - X2}{X2} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \text{ x } 100$$

$$V = \frac{42 - 29,4}{29,4} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{42,85}{17,3} \text{ x } 100 = 247,72$$

14. Puskesmas NN

$$V = \frac{X1 - X2}{X2} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \text{ x } 100$$

$$V = \frac{21 - 29,4}{29,4} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{28,57}{17,3} \text{ x } 100 = 165,15$$

15. Puskesmas OO

$$V = \frac{X1 - X2}{X2} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \text{ x } 100$$

$$V = \frac{22 - 29,4}{29,4} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{25,17}{17,3} \text{ x } 100 = 145,49$$

Nilai VIS terhadap nilai target serum kontrol pemeriksaan SGPT

1.Puskesmas AA

$$V = \frac{X1 - X2}{X2} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \text{ x } 100$$

$$V = \frac{28 - 30,6}{30,6} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{8,49}{17,3} \text{ x } 100 = 49,11$$

2.Puskesmas BB

$$V = \frac{X1 - X2}{X2} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \text{ x } 100$$

$$V = \frac{38 - 30,6}{30,6} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{24,18}{17,3} \text{ x } 100 = 139,7$$

3. Puskesmas CC

$$V = \frac{X1 - X2}{X2} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \text{ x } 100$$

$$V = \frac{27 - 30,6}{30,6} \text{ x } 100 \quad \rightarrow \quad VIS = \frac{11,76}{17,3} \text{ x } 100 = 68$$

Lampiran 11

4.Puskesmas DD

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{30 - 30,6}{30,6} \times 100 \quad \rightarrow \quad VIS = \frac{1,96}{17,3} \times 100 = 11,3$$

5. Pusksmas EE

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{27 - 30,6}{30,6} \times 100 \quad \rightarrow \quad VIS = \frac{11,7}{17,3} \times 100 = 68$$

6. Puskesmas FF

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{22 - 30,6}{30,6} \times 100 \quad \rightarrow \quad VIS = \frac{28,10}{17,3} \times 100 = 162,45$$

7. Puskesmas GG

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{22 - 30,6}{30,6} \times 100 \quad \rightarrow \quad VIS = \frac{28,10}{17,3} \times 100 = 162,45$$

8. Puskesmas HH

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{28 - 30,6}{30,6} \times 100 \quad \rightarrow \quad VIS = \frac{8,49}{17,3} \times 100 = 49,11$$

9. Puskesmas II

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{30 - 30,6}{30,6} \times 100 \quad \rightarrow \quad VIS = \frac{1,96}{17,3} \times 100 = 11,3$$

10. Puskesmas JJ

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{40 - 30,6}{30,6} \times 100 \quad \rightarrow \quad VIS = \frac{30,71}{17,3} \times 100 = 177,5$$

Lampiran 12

11. Puskesmas Kk

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{43 - 30,6}{30,6} \times 100 \quad \rightarrow \quad VIS = \frac{40,52}{17,3} \times 100 = 234,2$$

12. Puskesmas LL

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{21 - 30,6}{30,6} \times 100 \quad \rightarrow \quad VIS = \frac{31,37}{17,3} \times 100 = 181,3$$

13. Puskesmas MM

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{42 - 30,6}{30,6} \times 100 \quad \rightarrow \quad VIS = \frac{37,25}{17,3} \times 100 = 215,3$$

14. Puskesmas NN

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{21 - 30,6}{30,6} \times 100 \quad \rightarrow \quad VIS = \frac{31,37}{17,3} \times 100 = 181,3$$

15. Puskesmas OO

$$V = \frac{X1 - X2}{X2} \times 100 \quad \rightarrow \quad VIS = \frac{V}{CCV} \times 100$$

$$V = \frac{22 - 30,6}{30,6} \times 100 \quad \rightarrow \quad VIS = \frac{28,10}{17,3} \times 100 = 162,45$$

Lampiran 13: Dokumentasi

1. Dokumentasi random sampling

2. Pelarutan serum kontrol